

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS ✓
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**



2/31

FIG.2

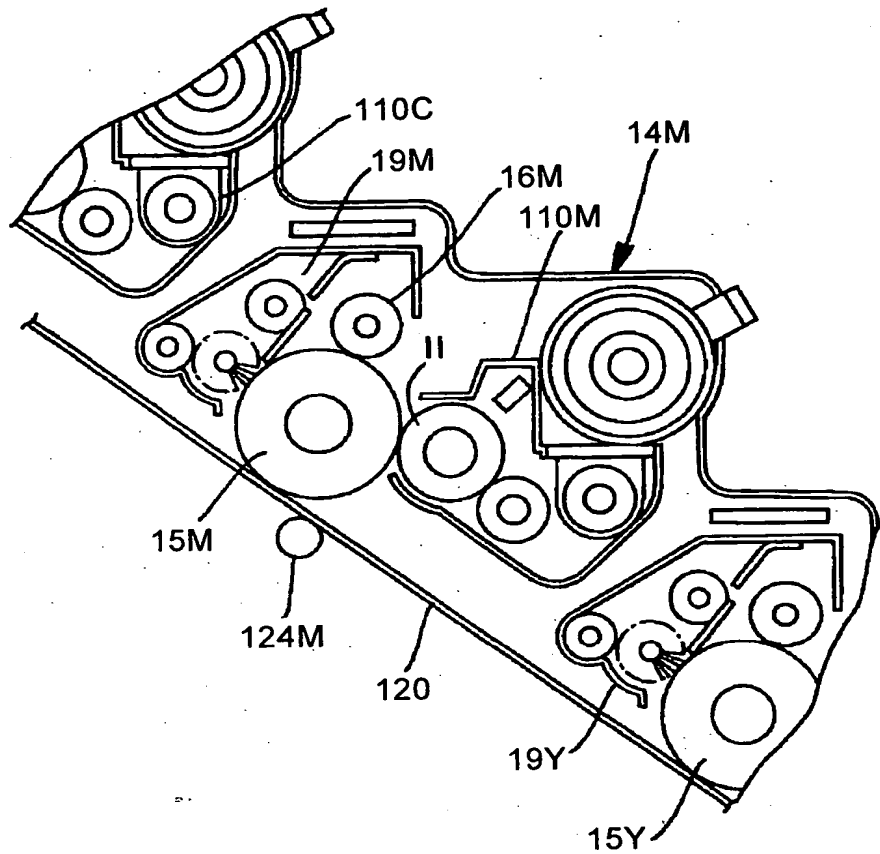


FIG.3

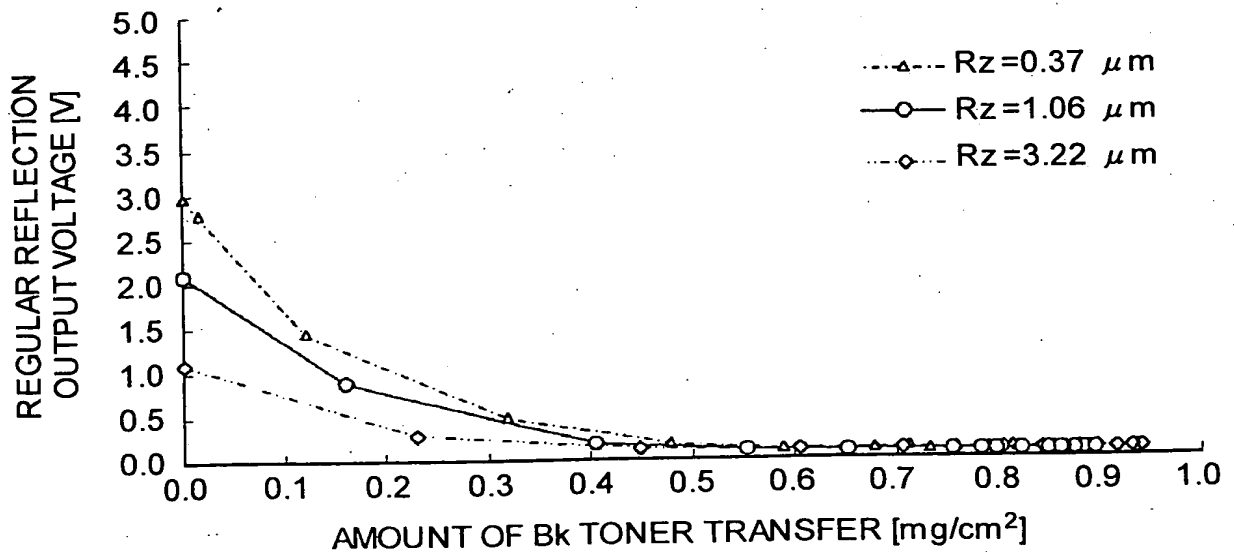


FIG.4

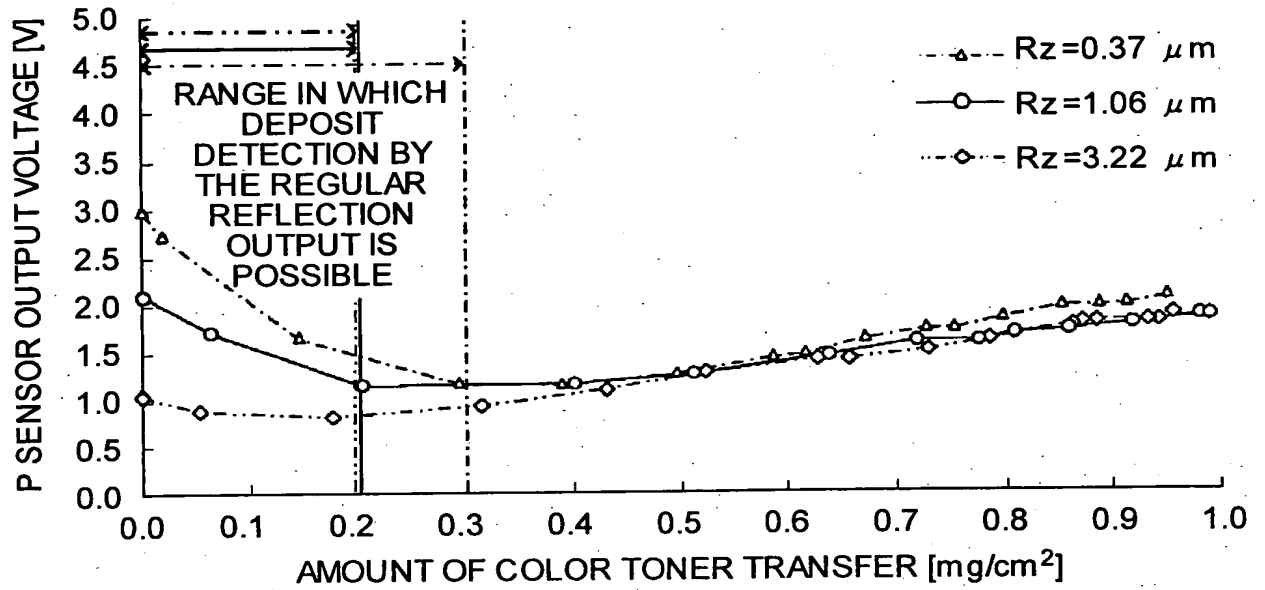


FIG.5

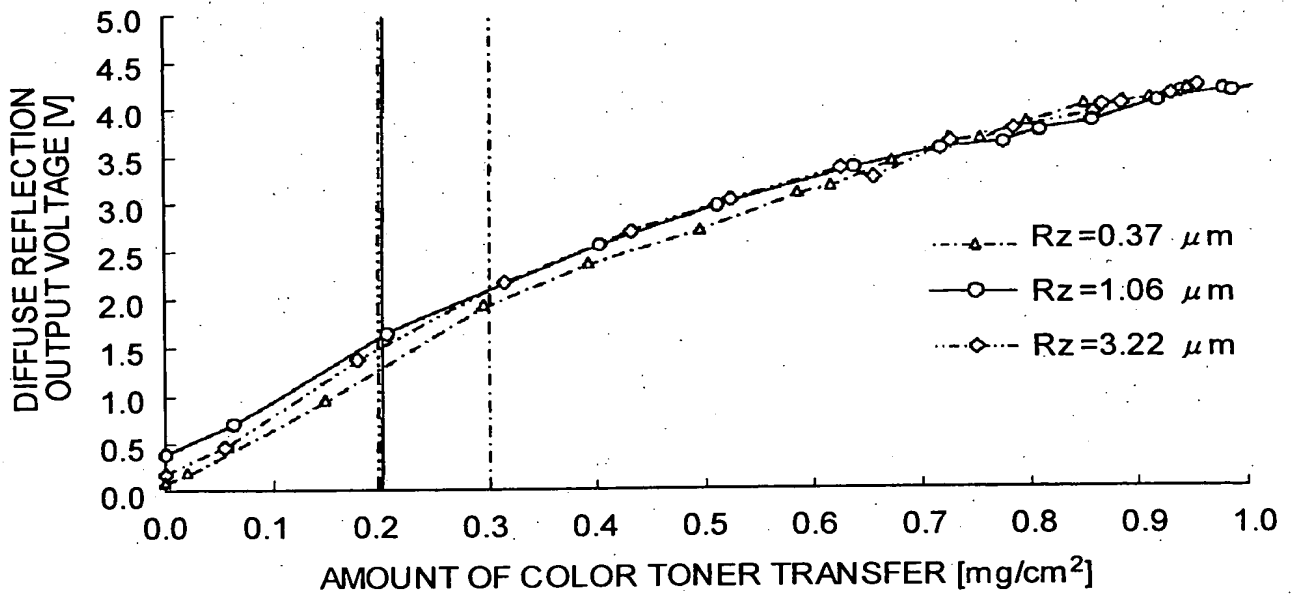


FIG.6

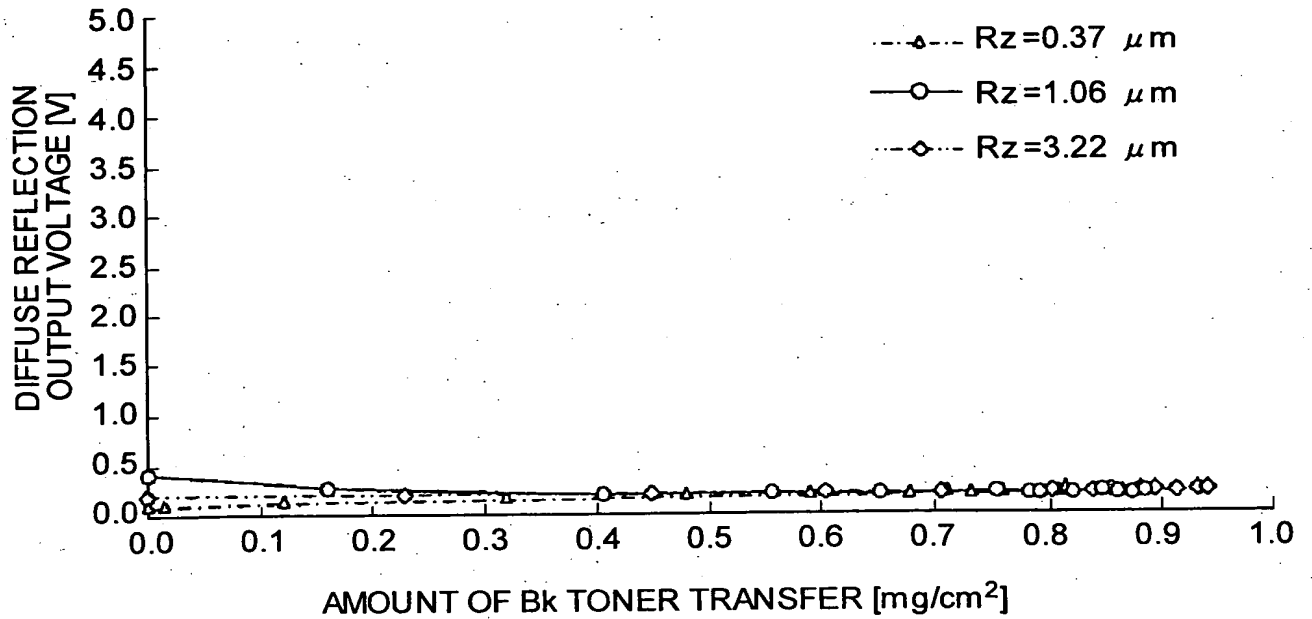


FIG.7

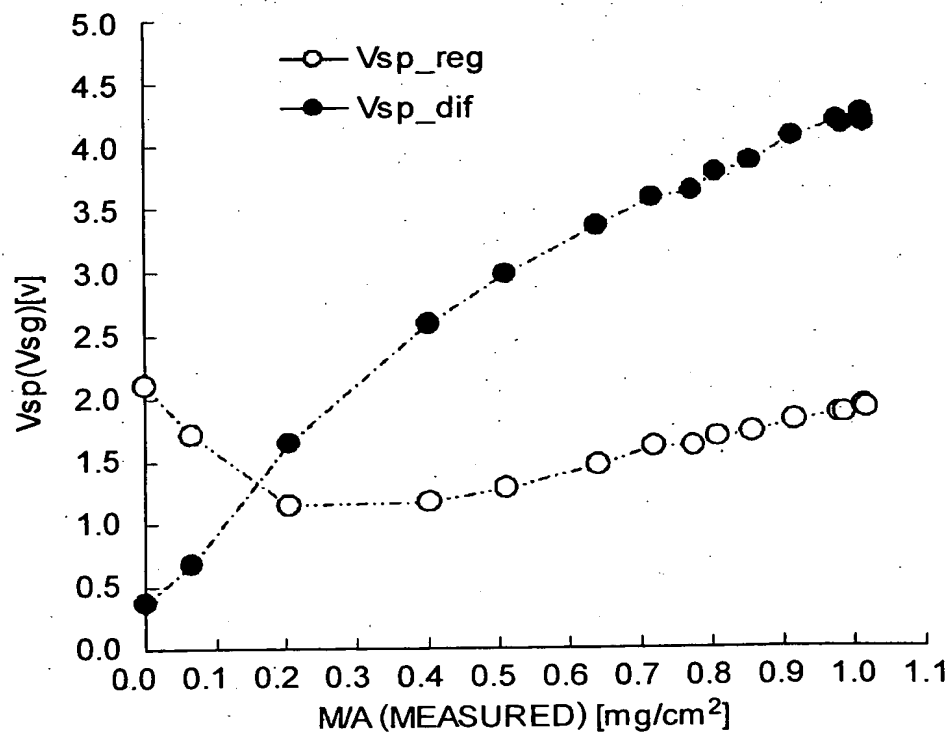


FIG.8

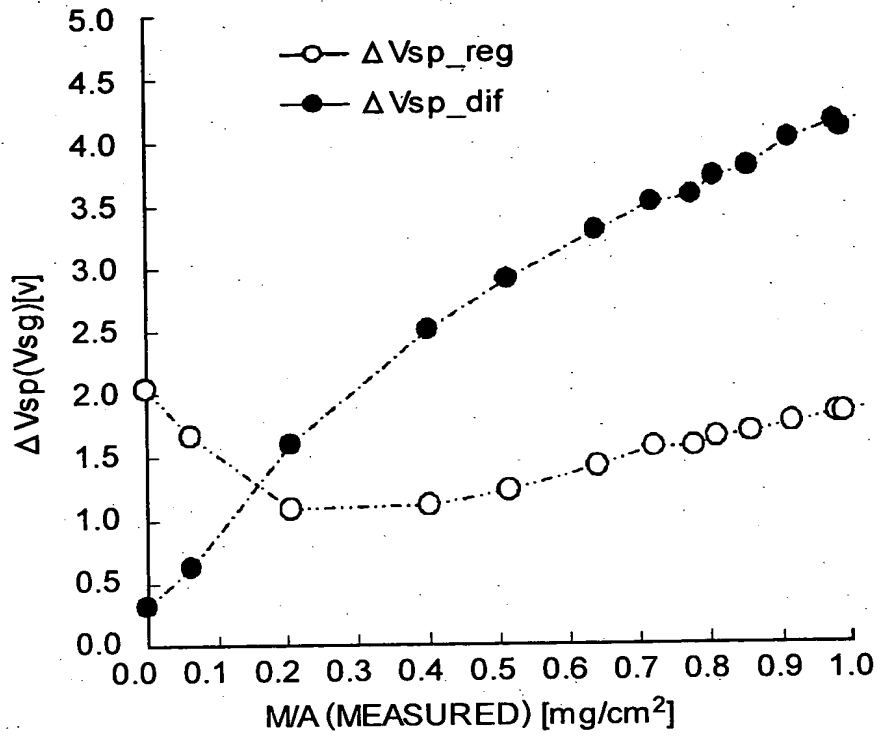


FIG.9

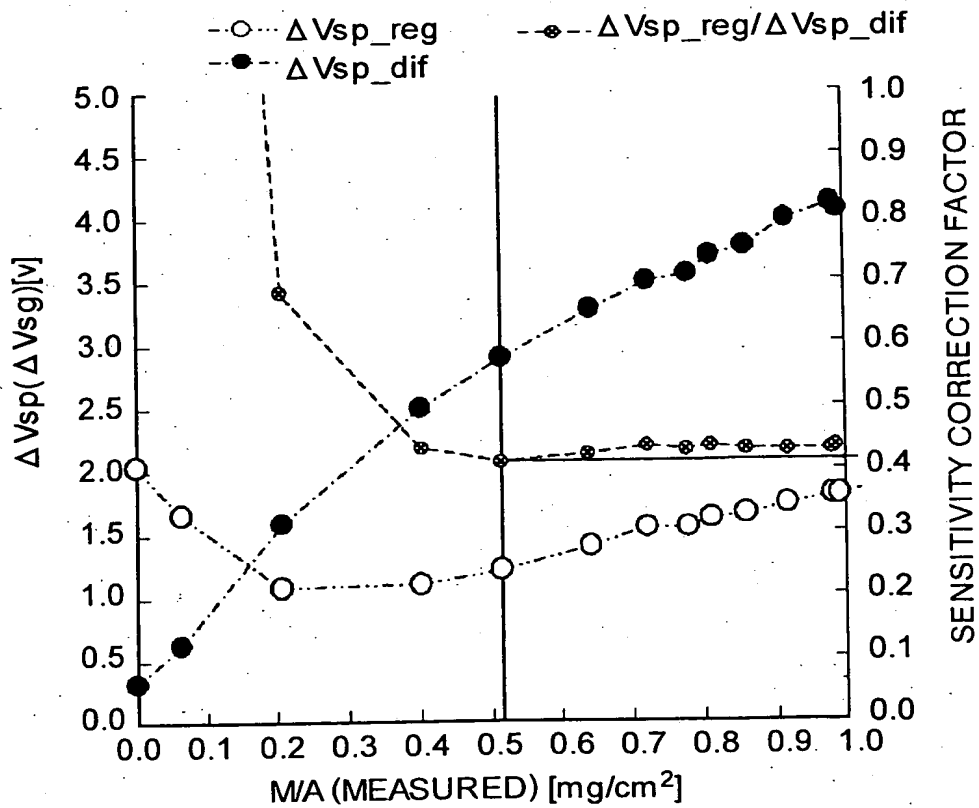


FIG.10

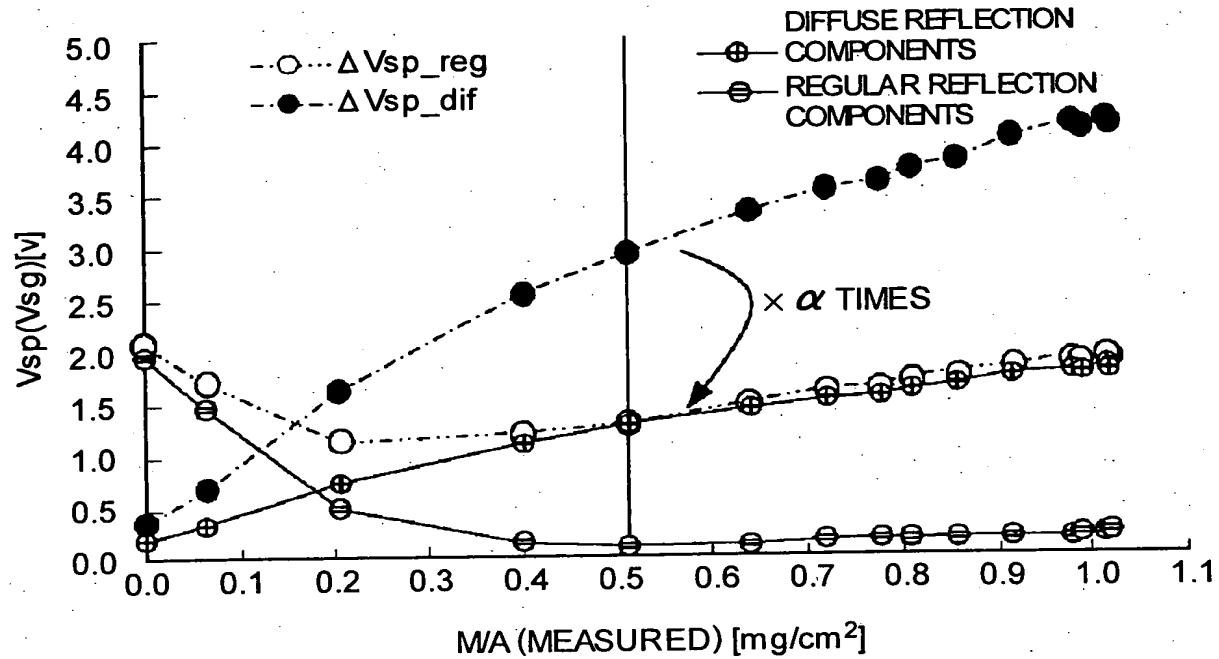
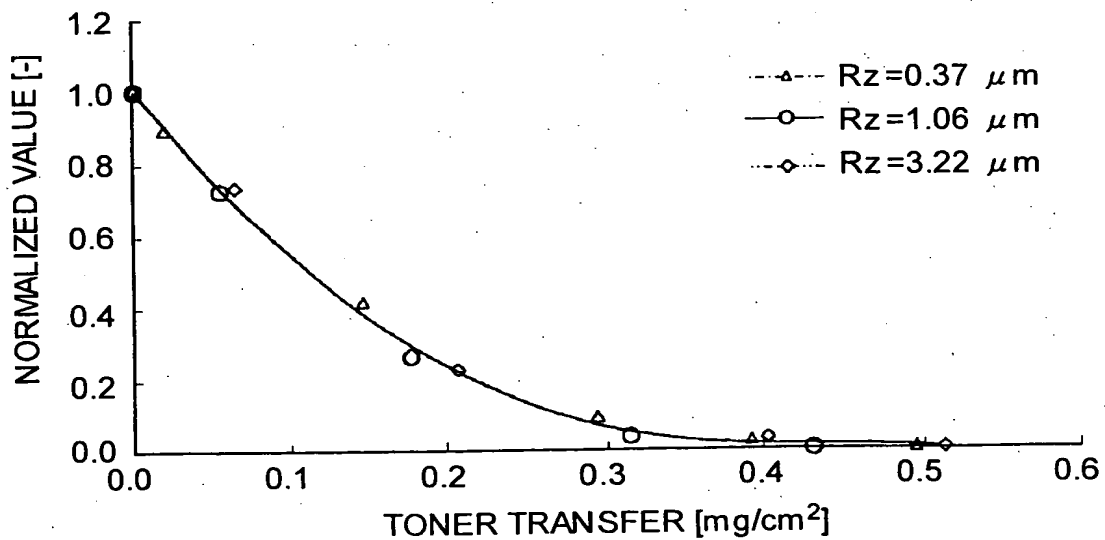


FIG.11



7/31

FIG.12

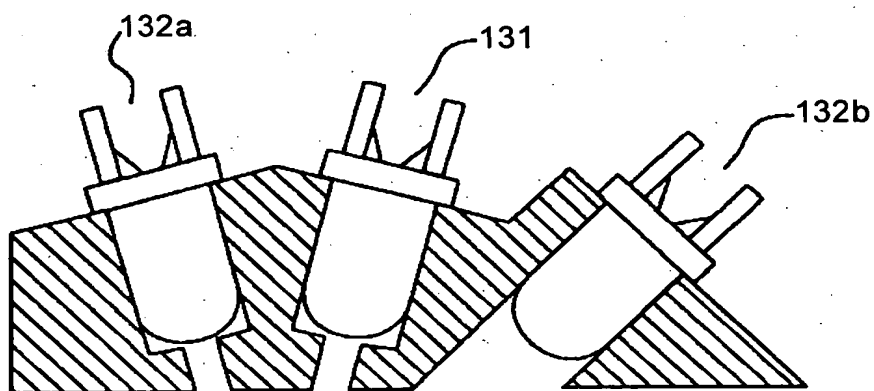


FIG.13

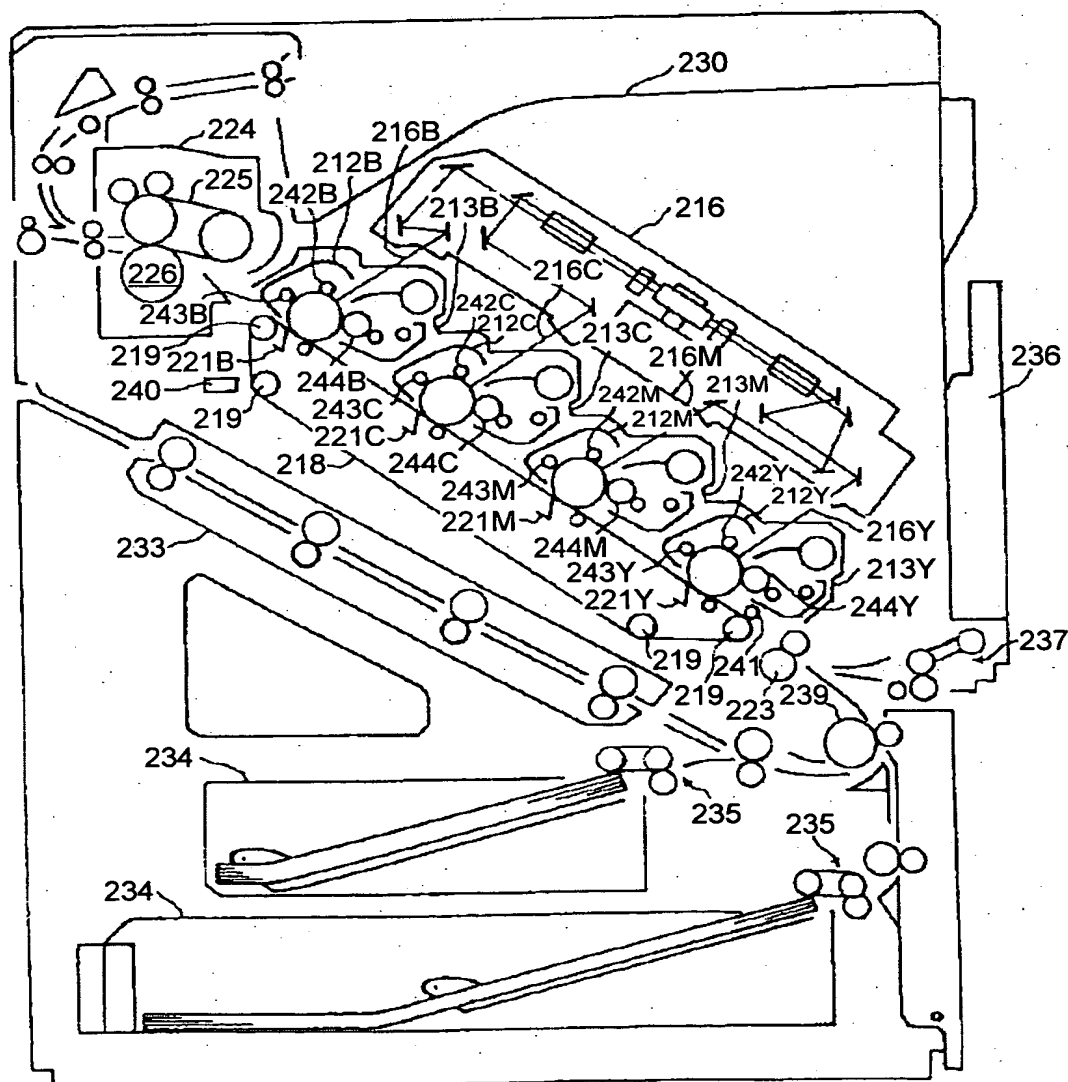




FIG.14

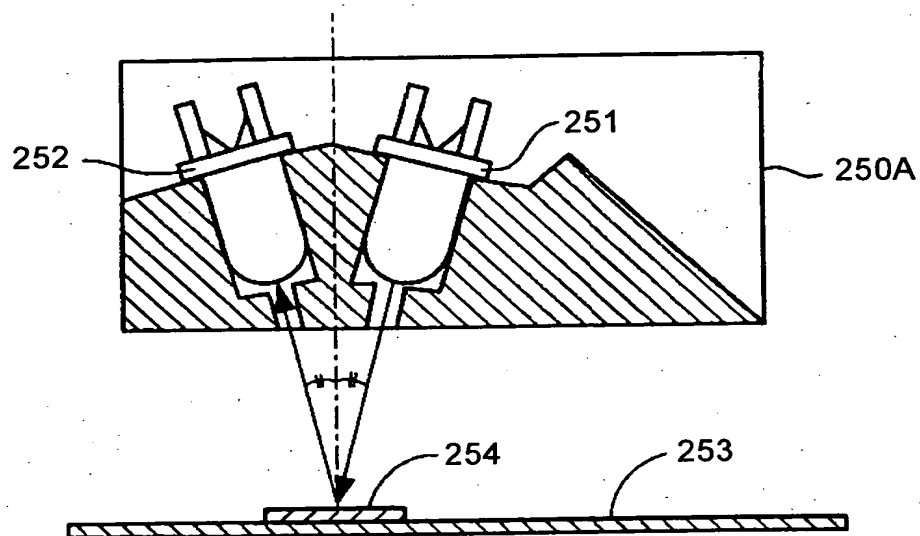


FIG.15

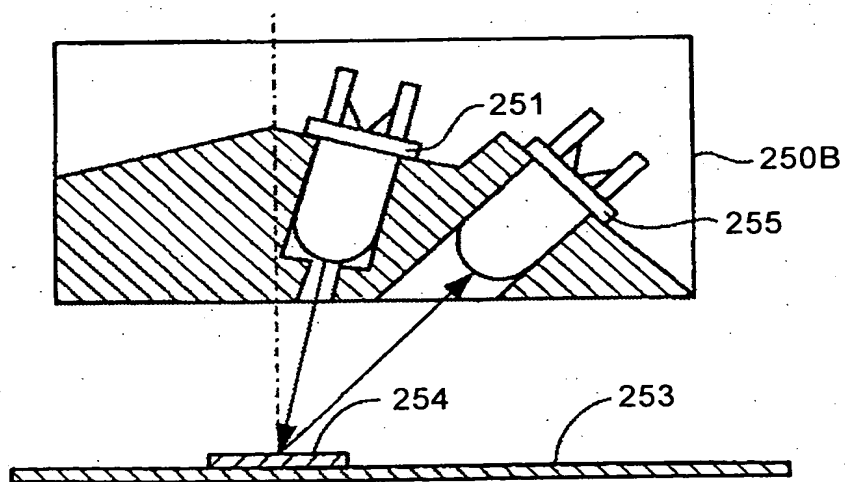


FIG. 16

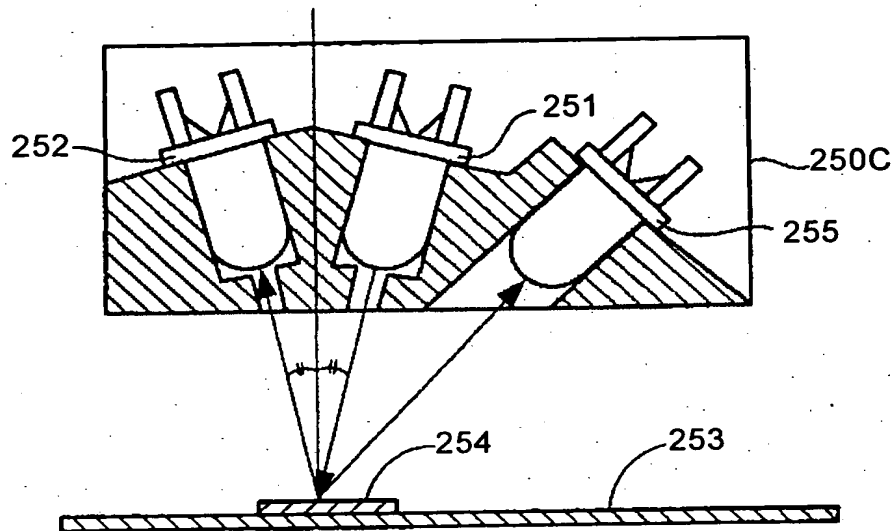
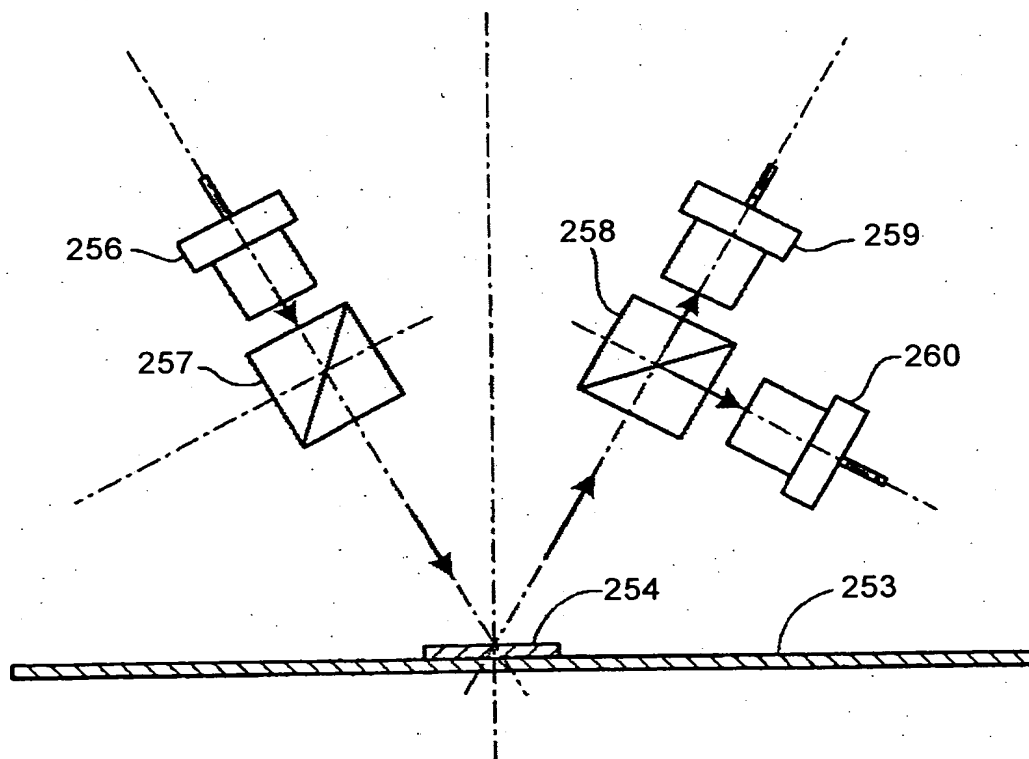


FIG. 17



10/31

FIG.18

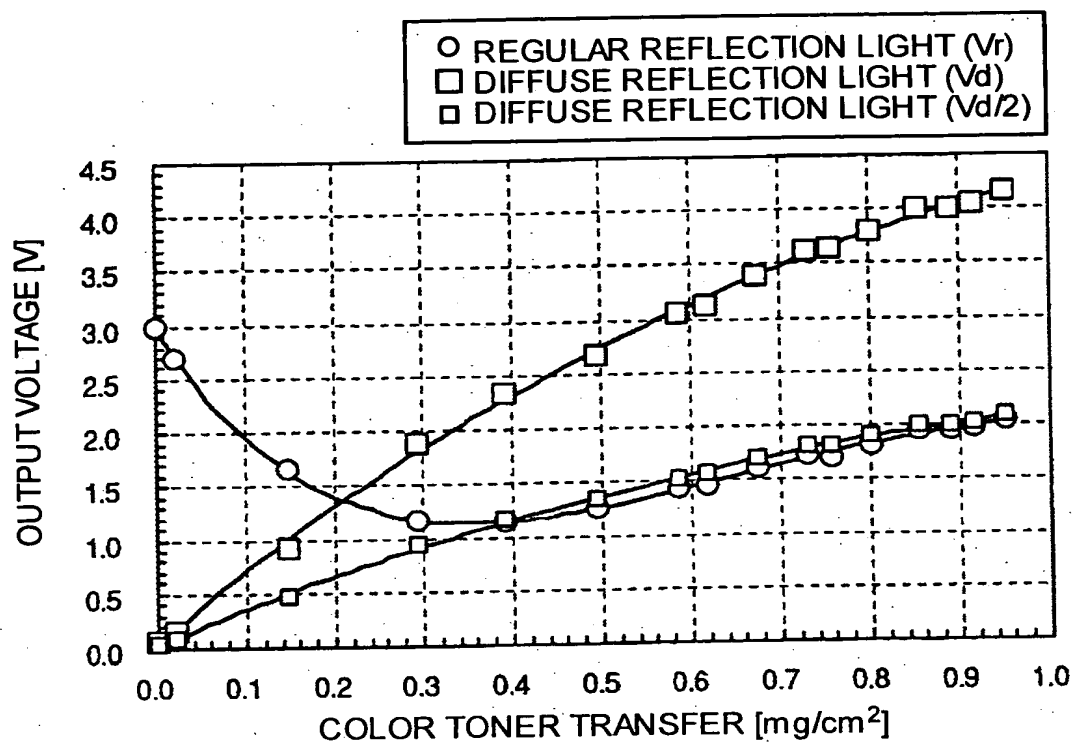


FIG.19

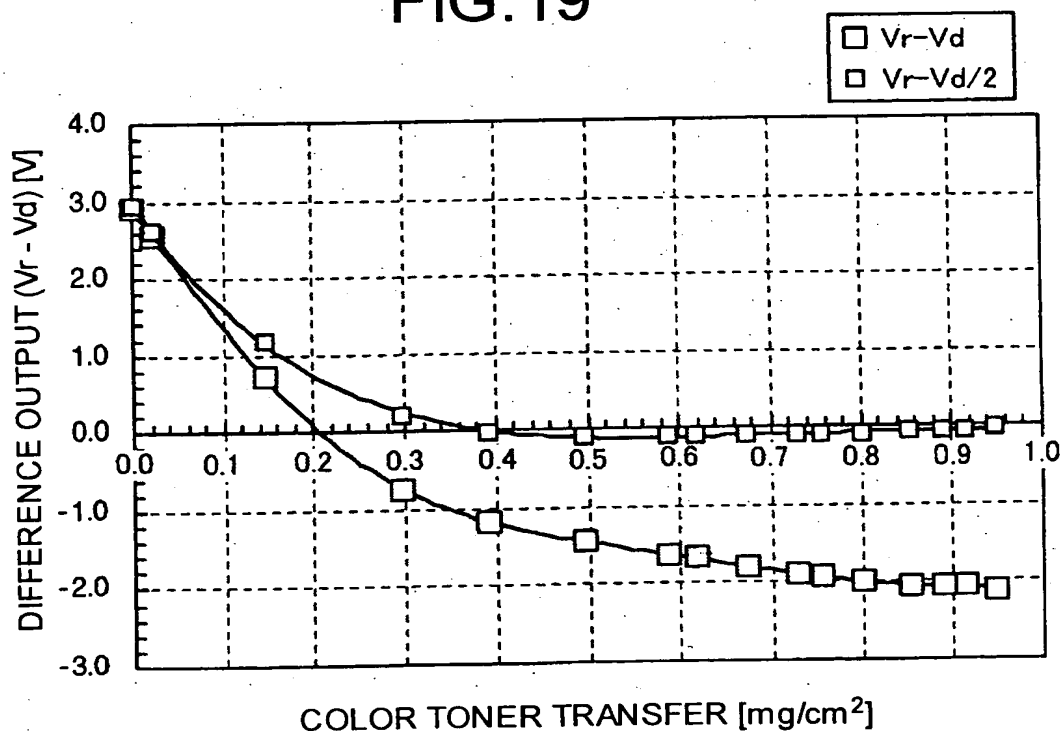


FIG.20

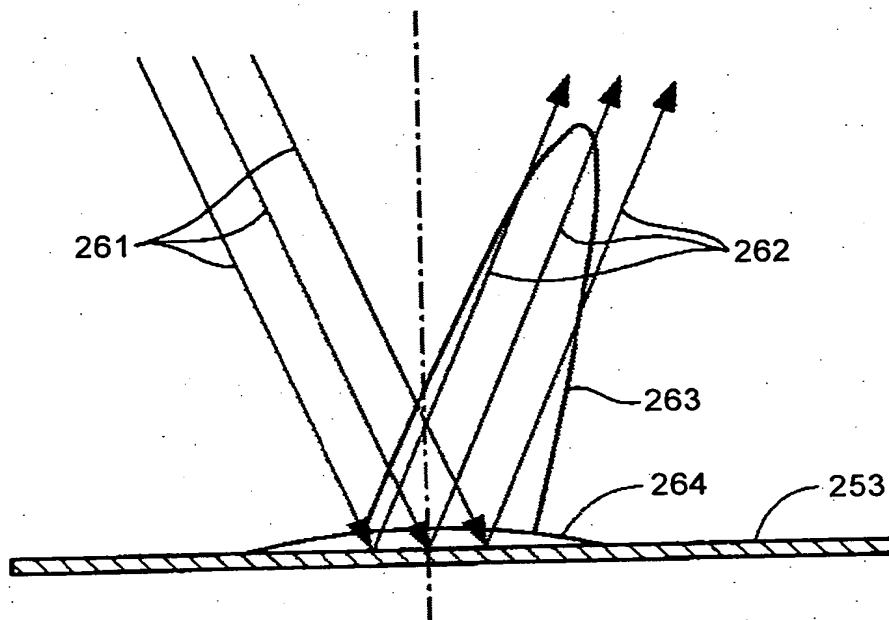
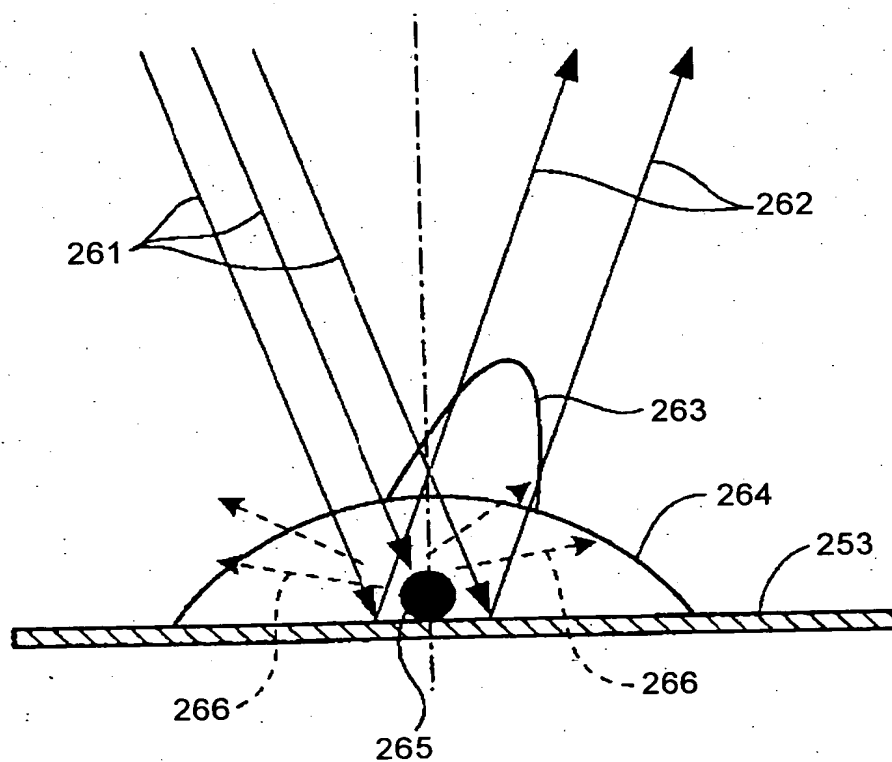


FIG.21



12/31

FIG.22

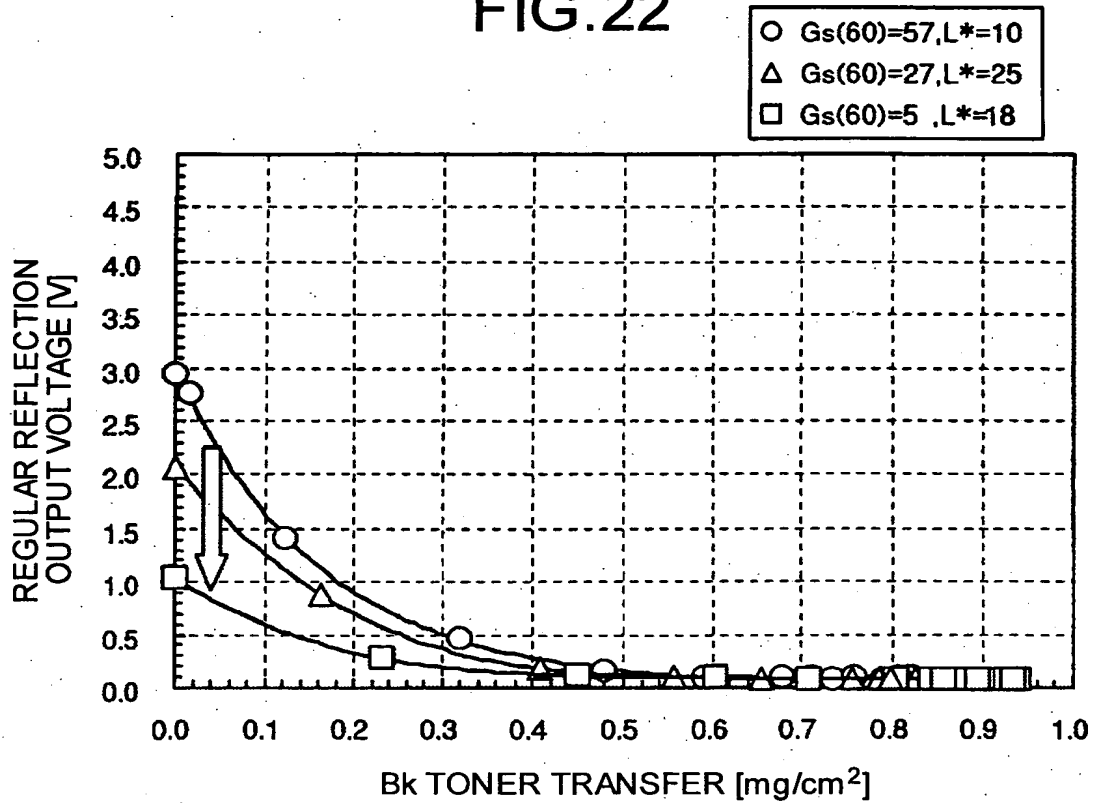


FIG.23

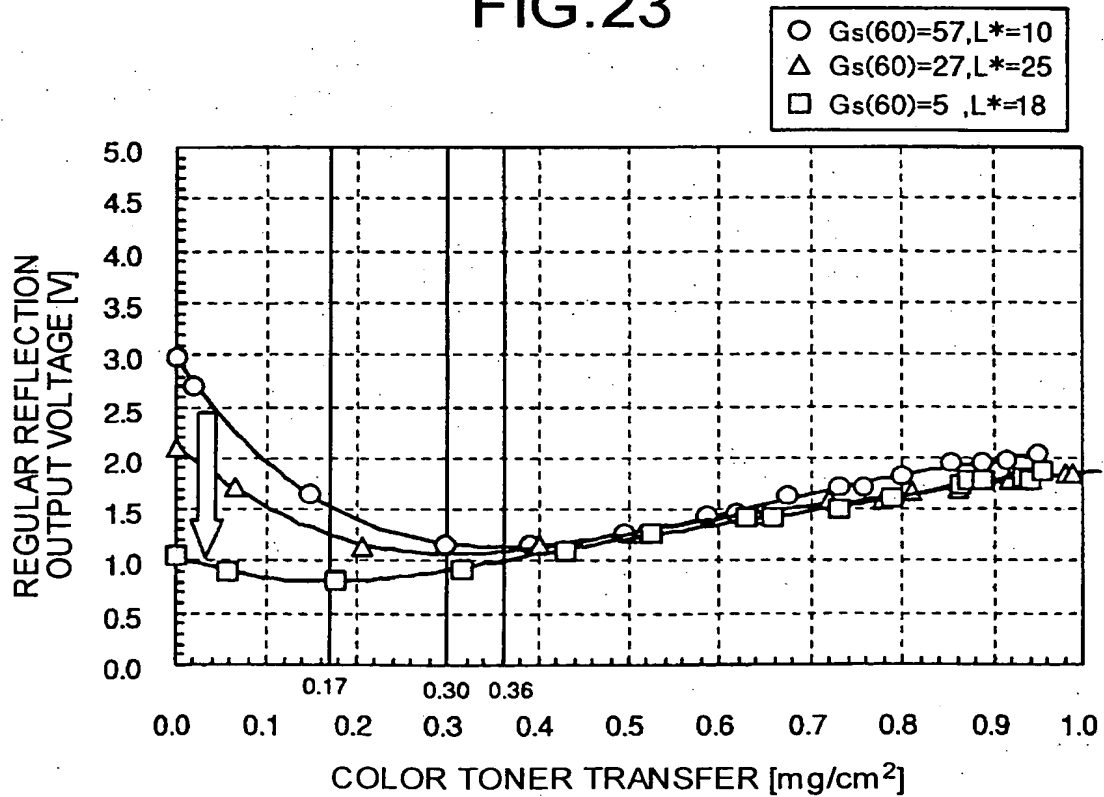


FIG.24

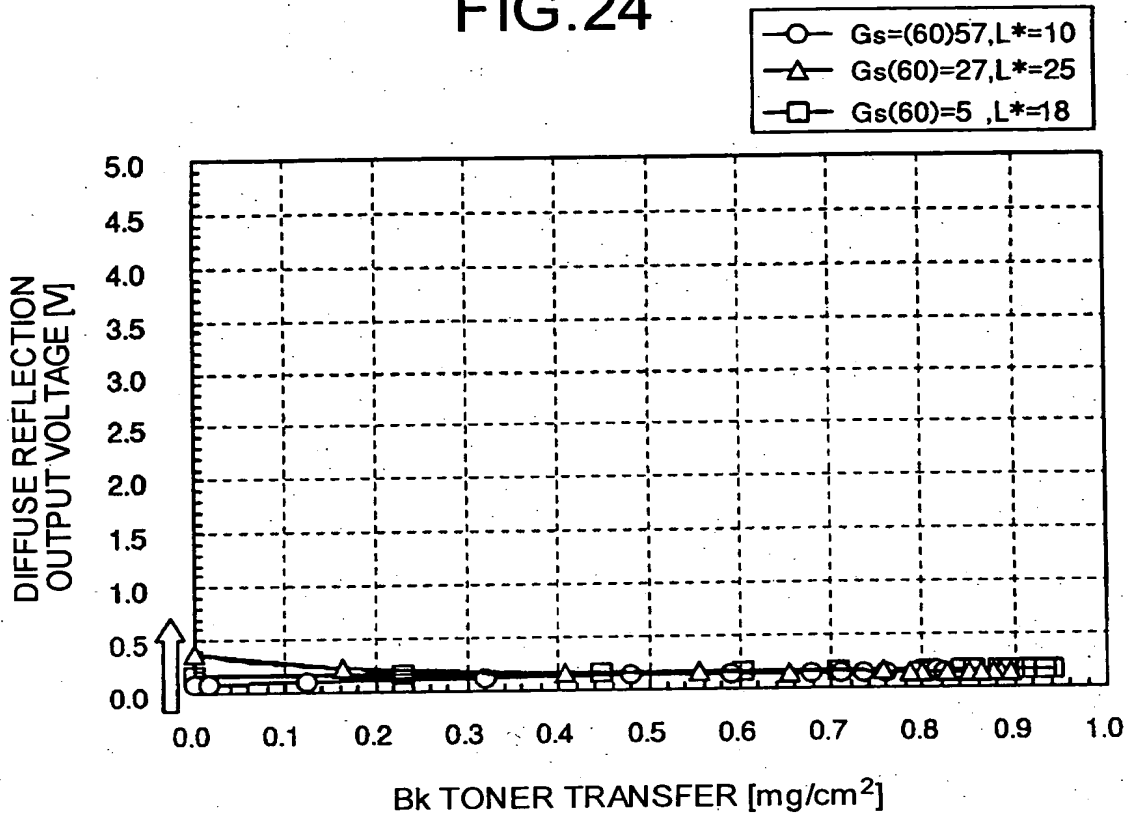
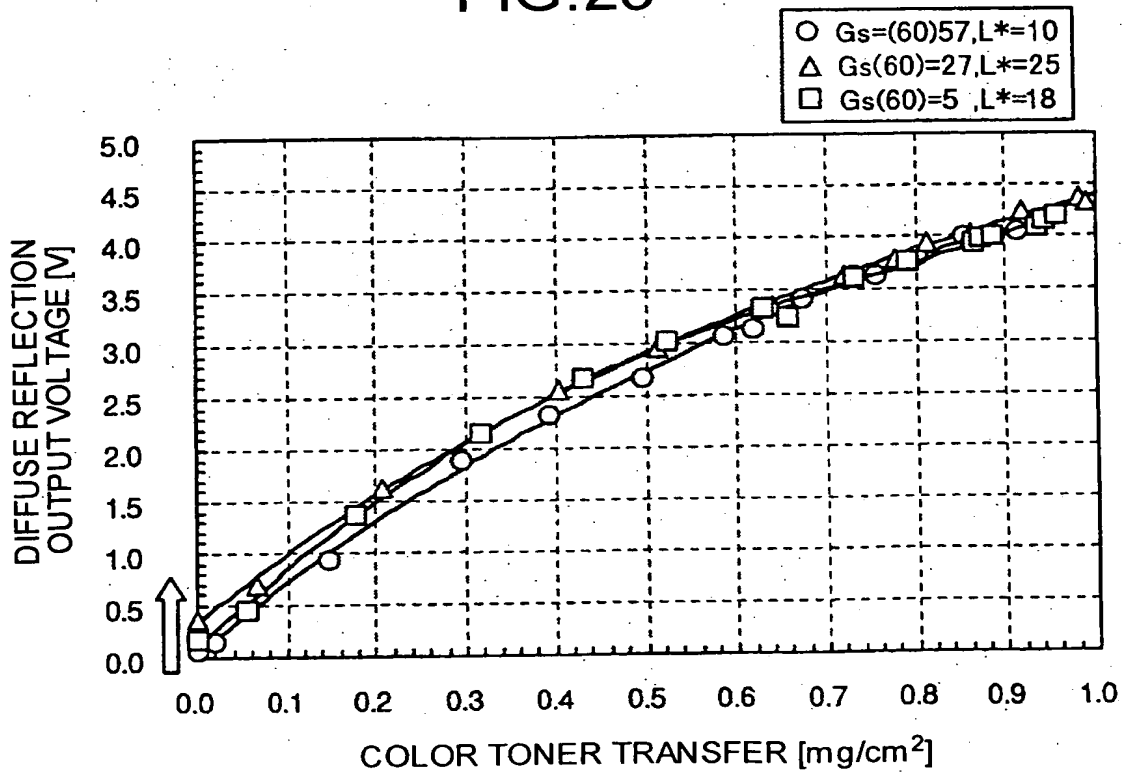


FIG.25



14/31

FIG.26

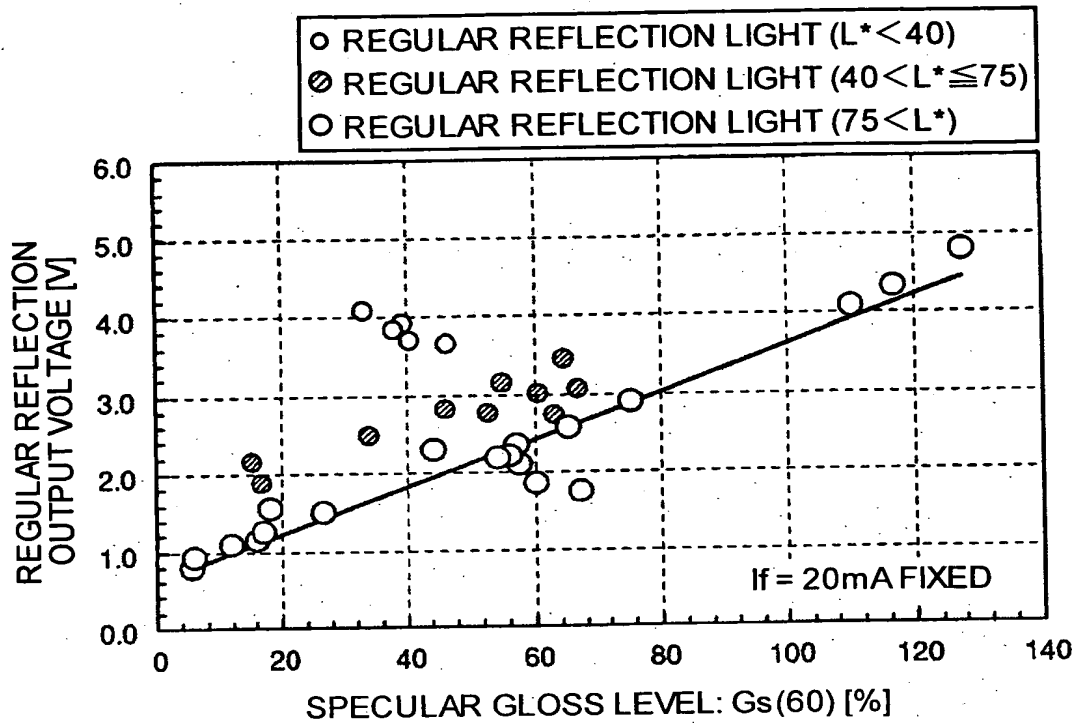


FIG.27

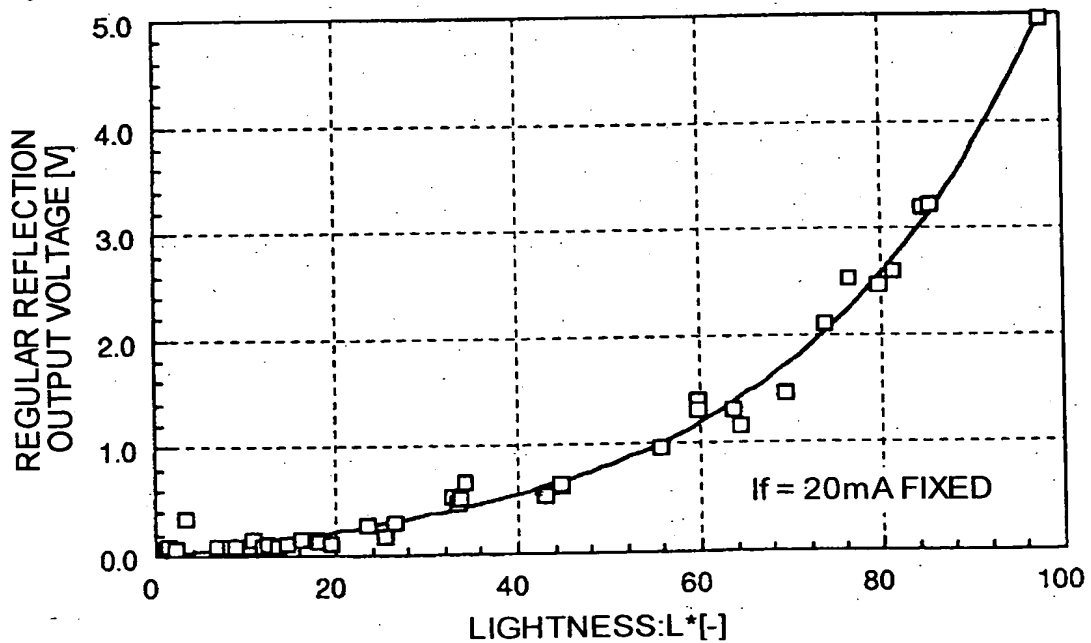


FIG.28

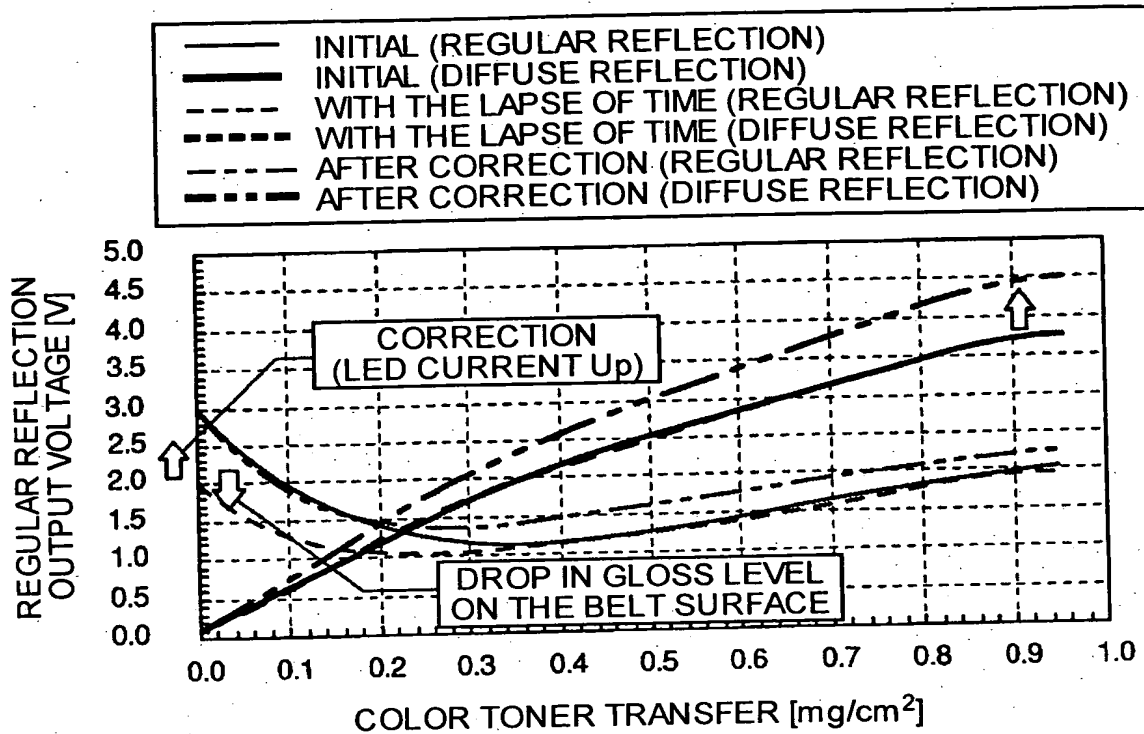


FIG.29

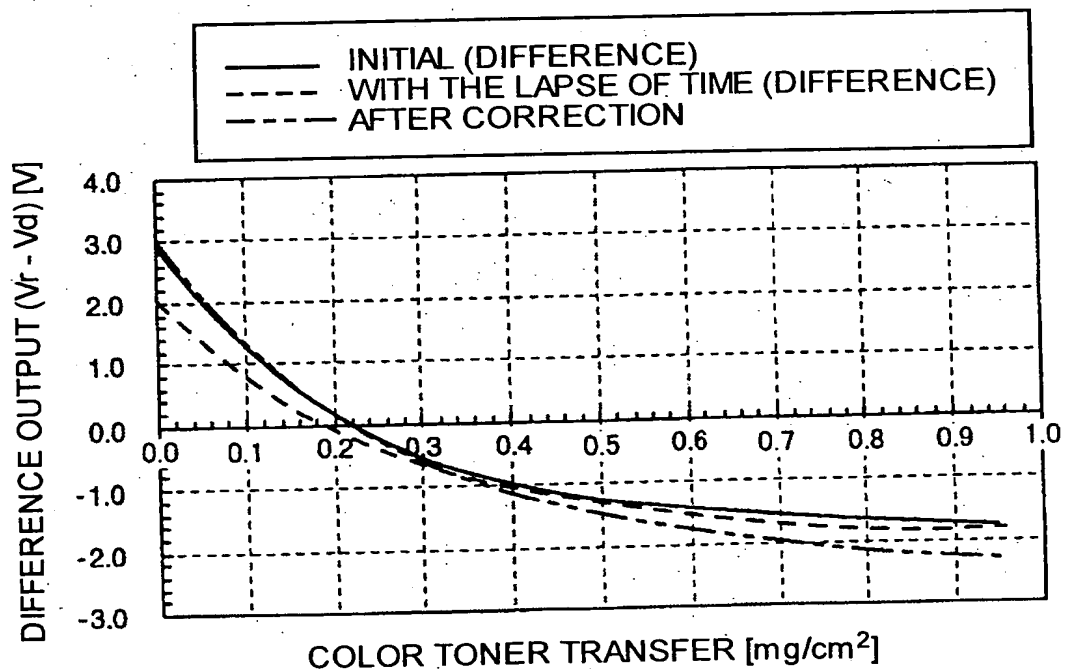




FIG.30

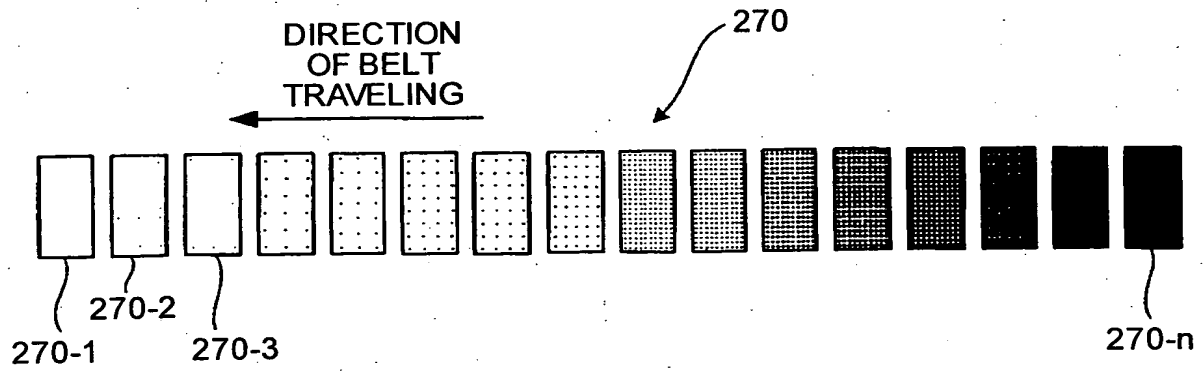


FIG.31

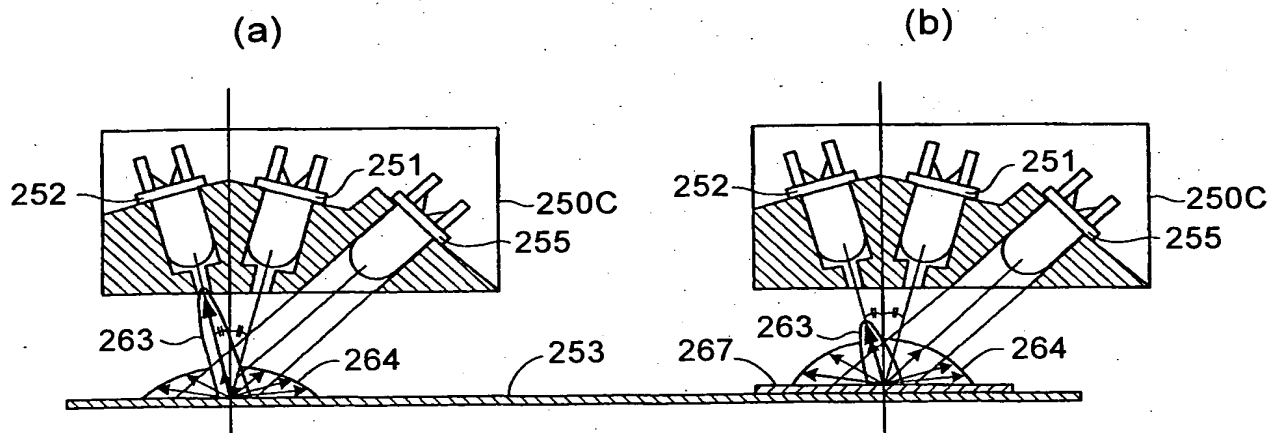


FIG.32

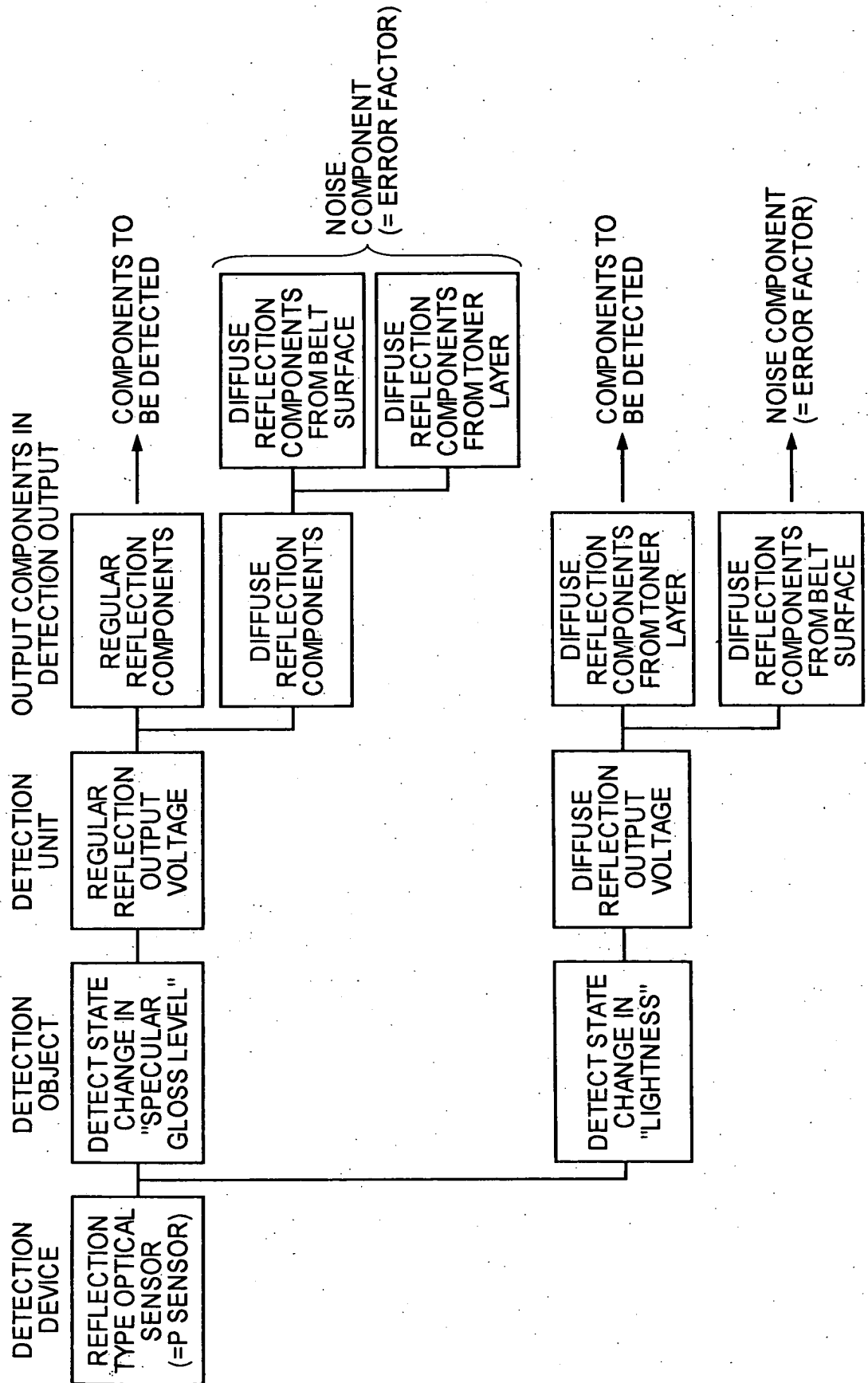


FIG.33

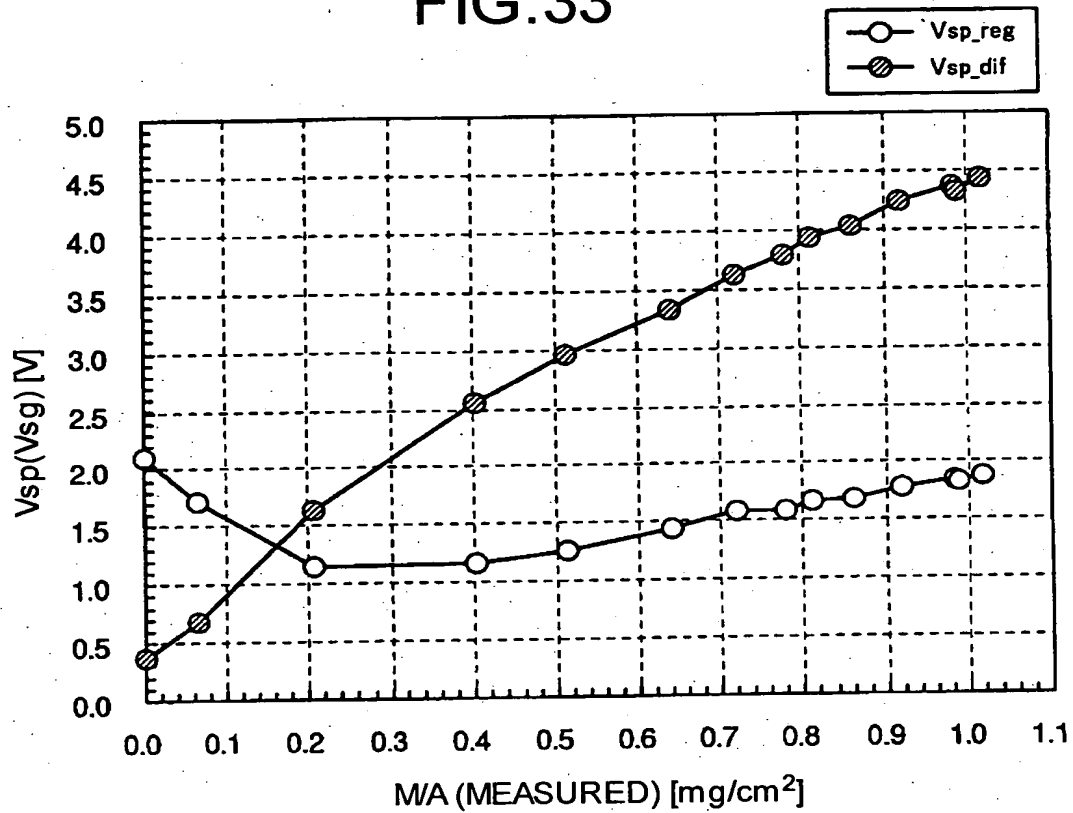
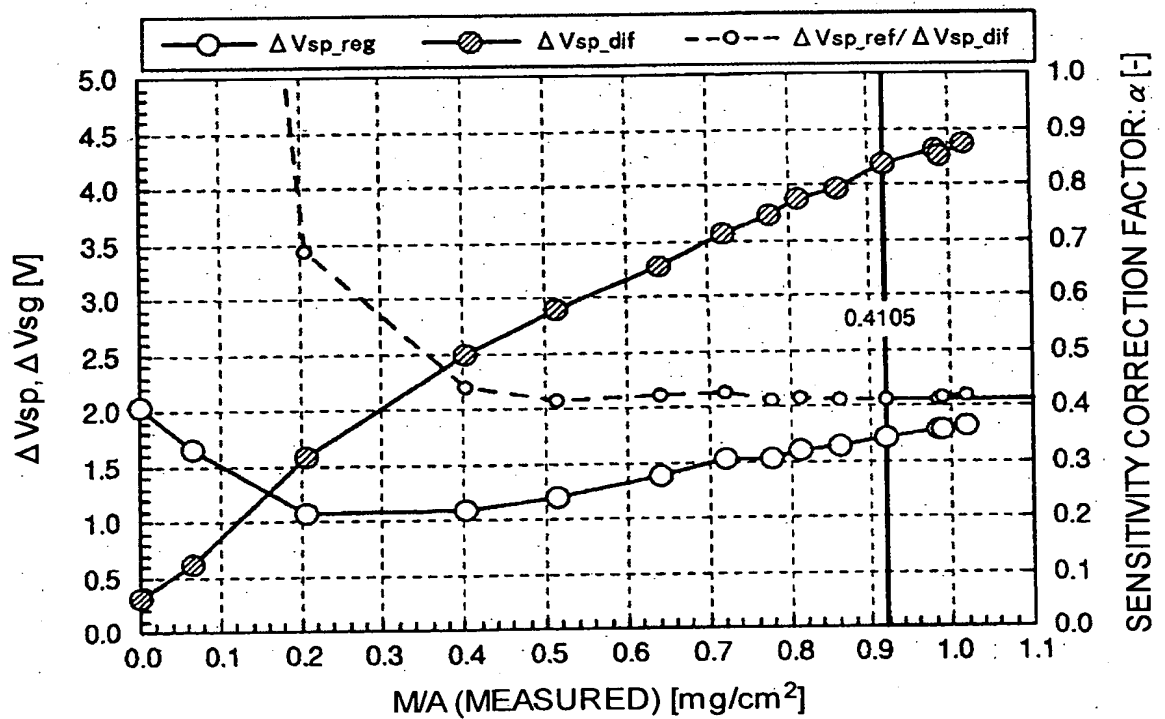


FIG.34



19/31

FIG.35

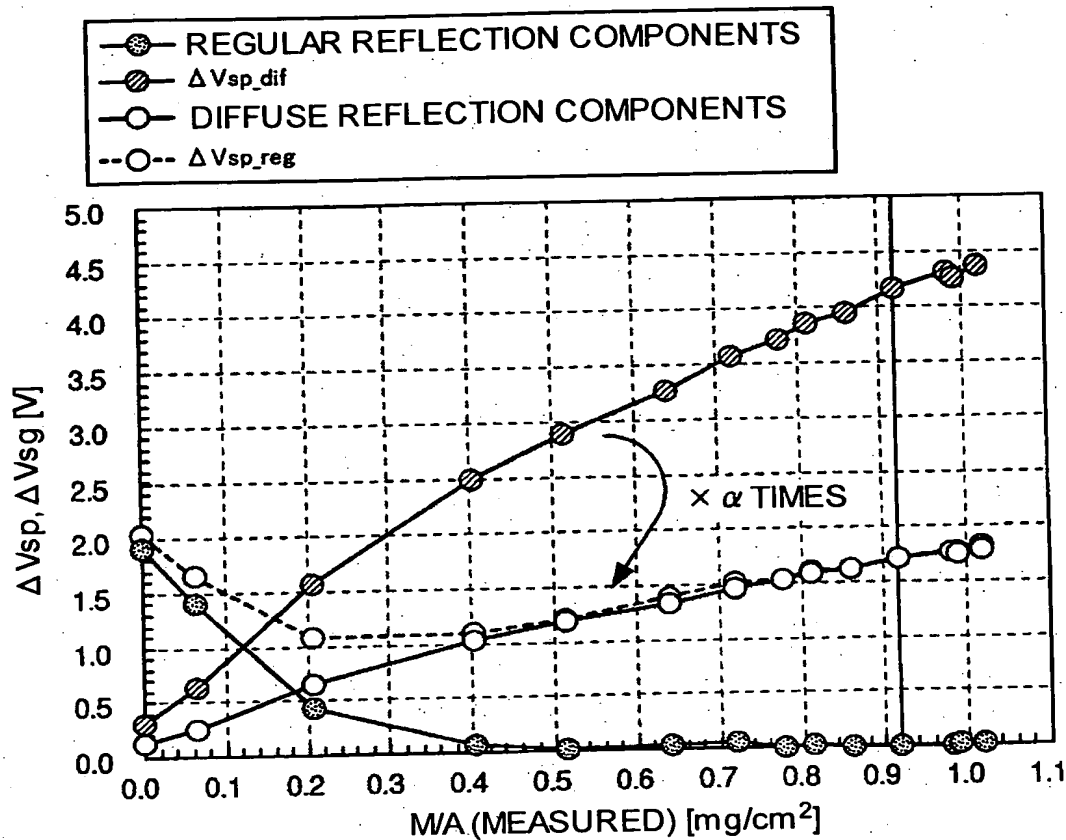


FIG.36

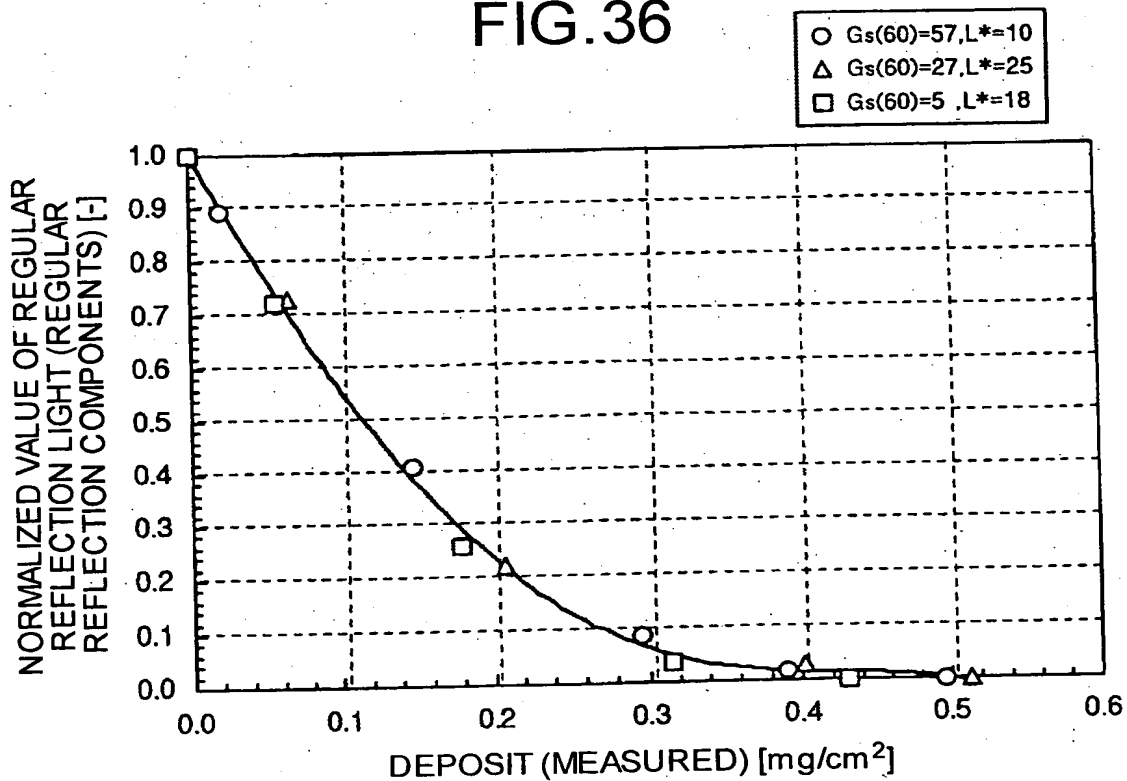


FIG.37

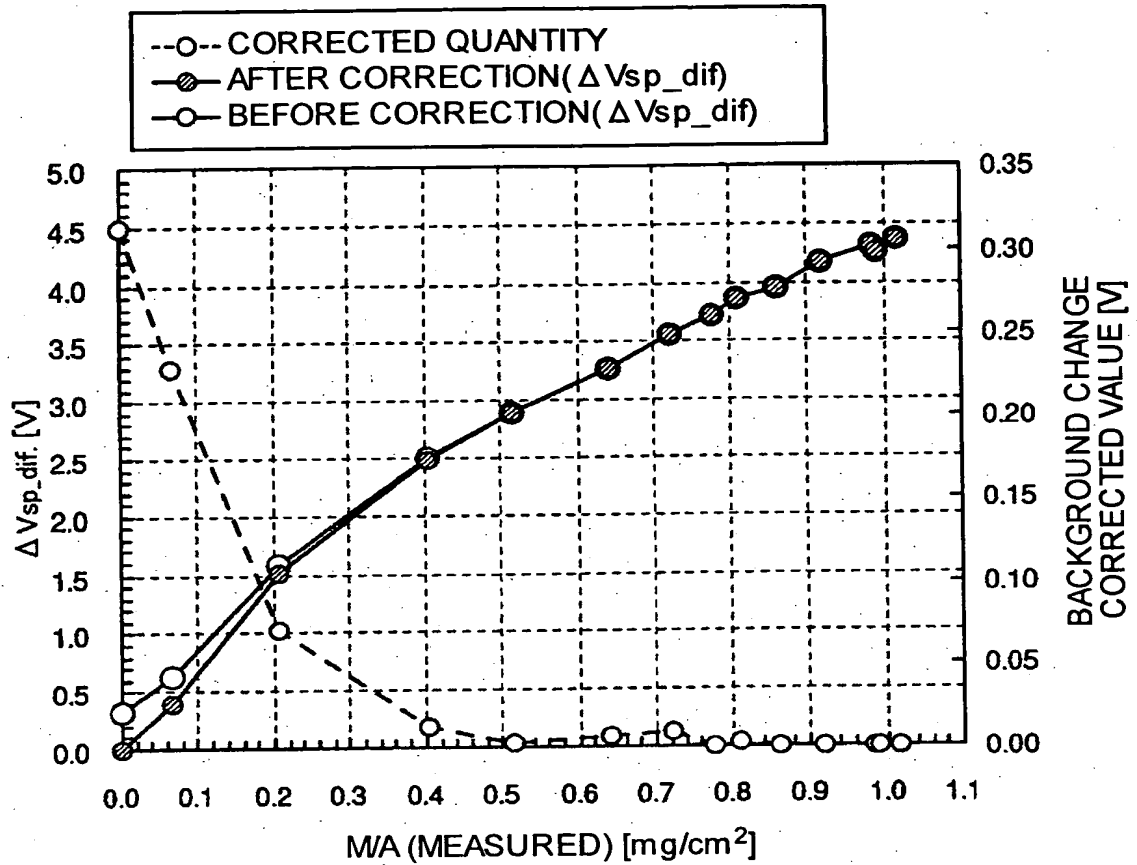
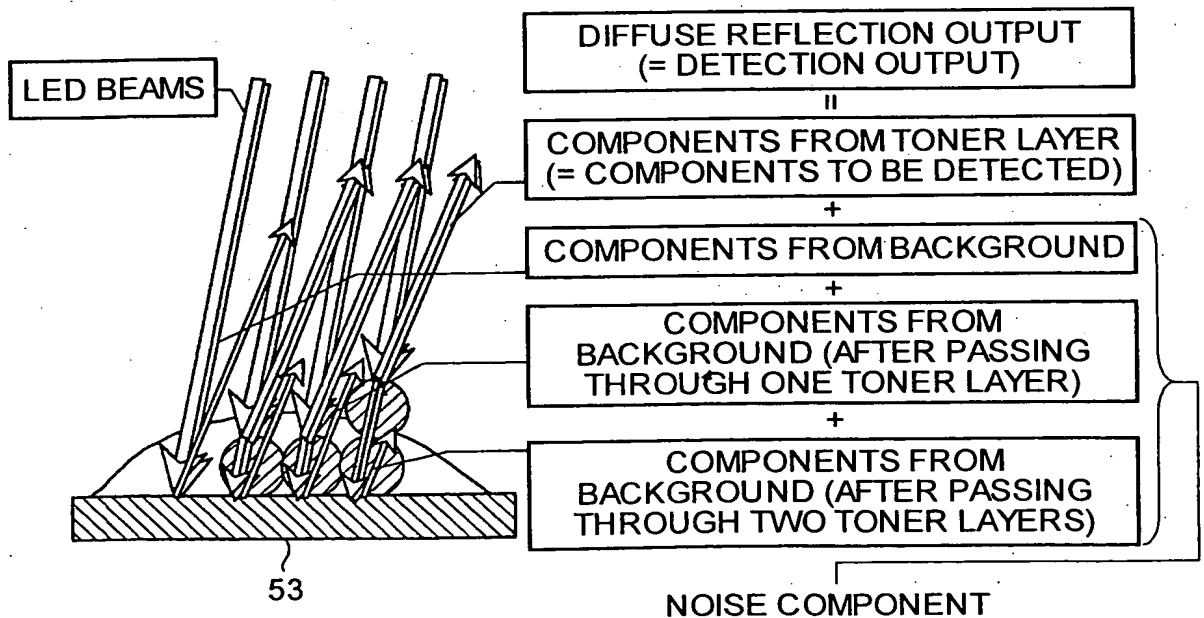


FIG.38



21/31

FIG.39

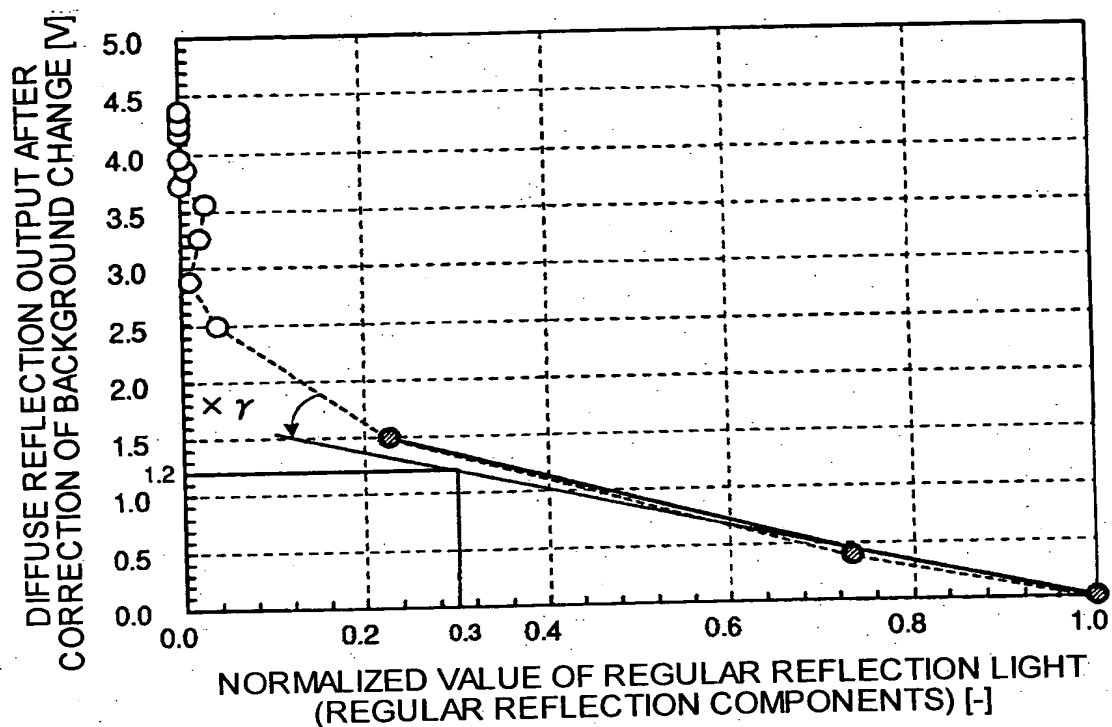


FIG.40

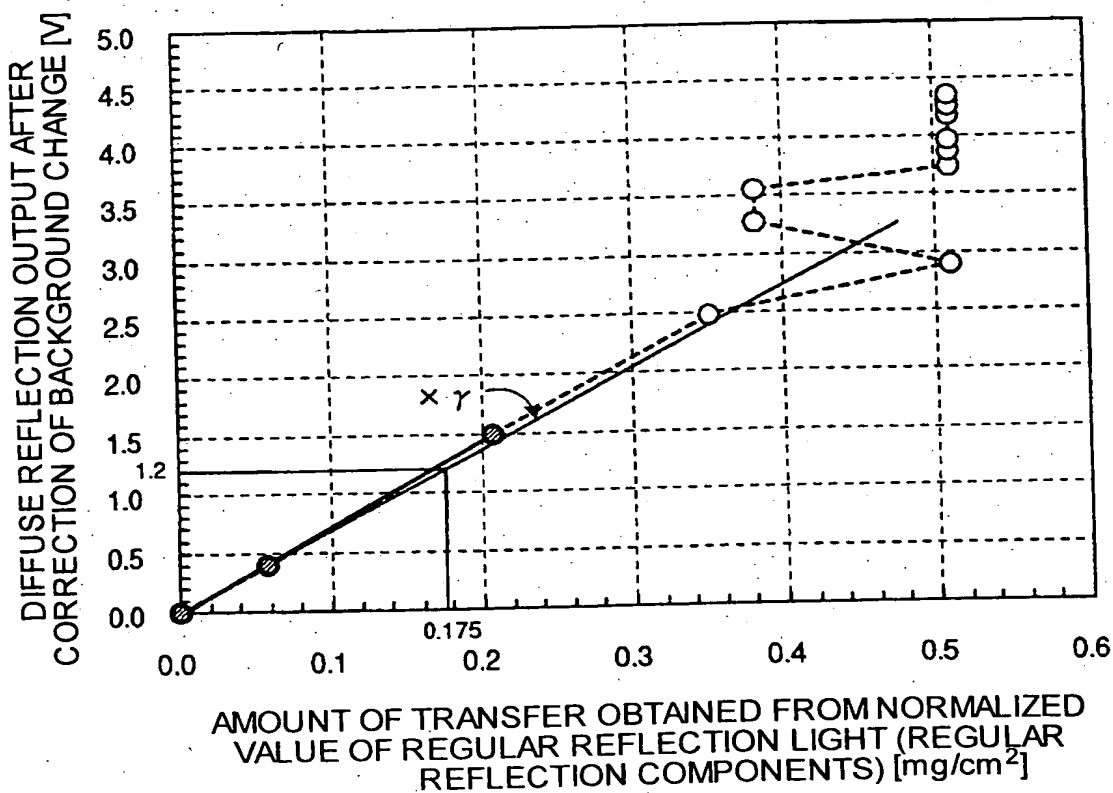


FIG.41

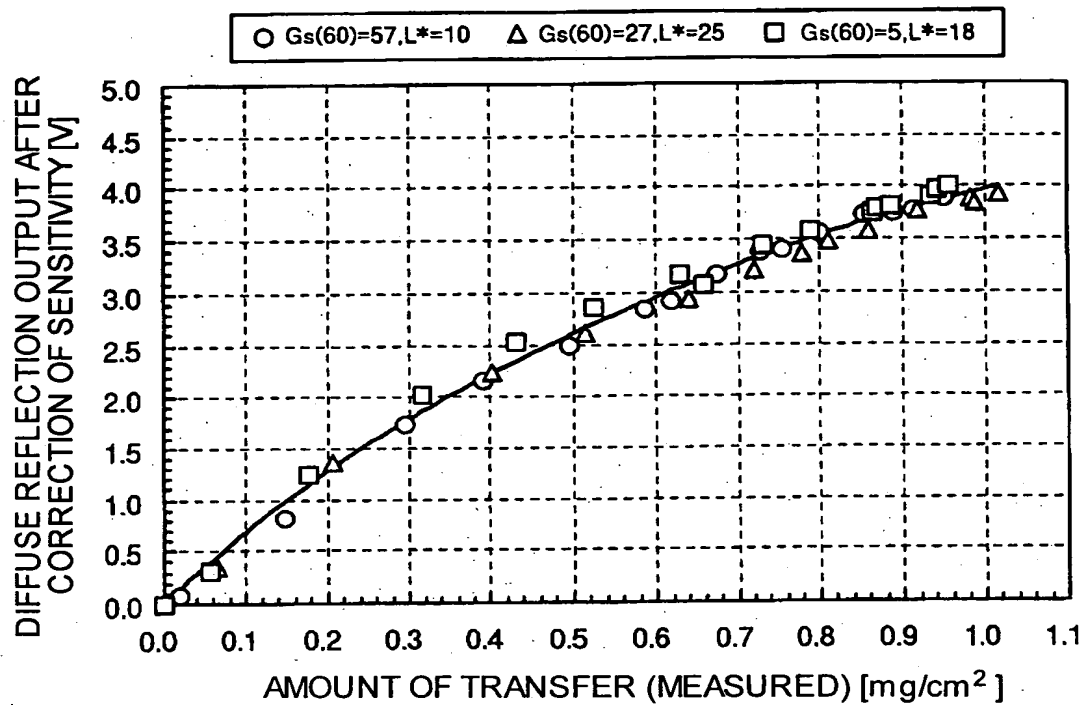


FIG.42

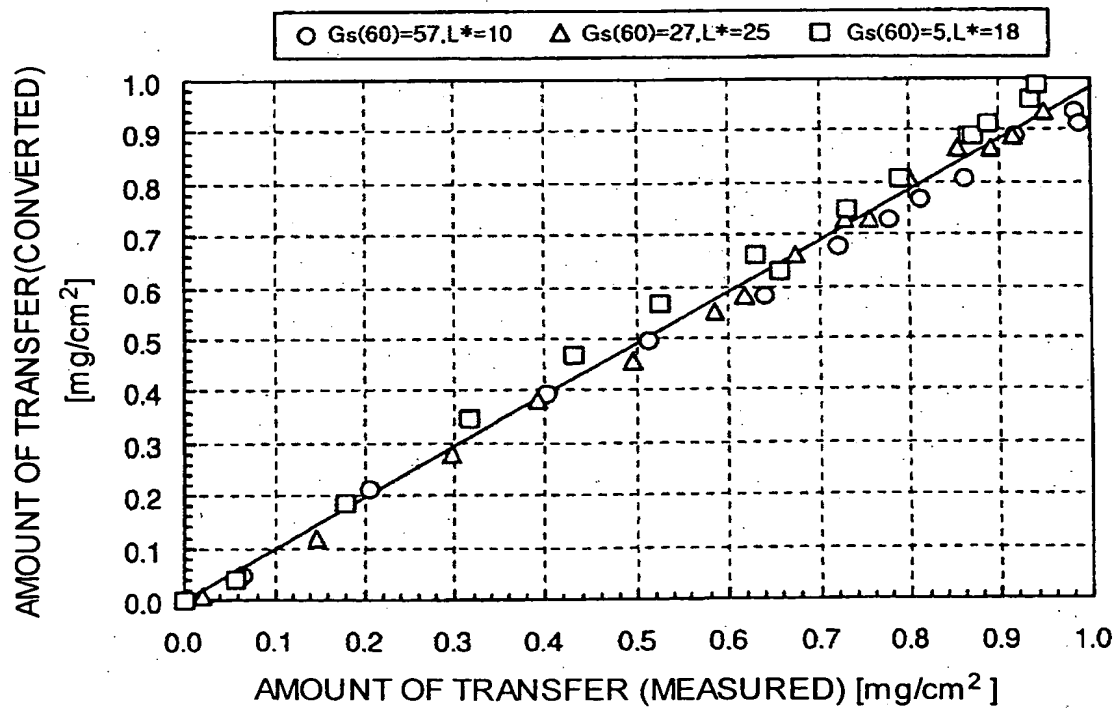


FIG.43

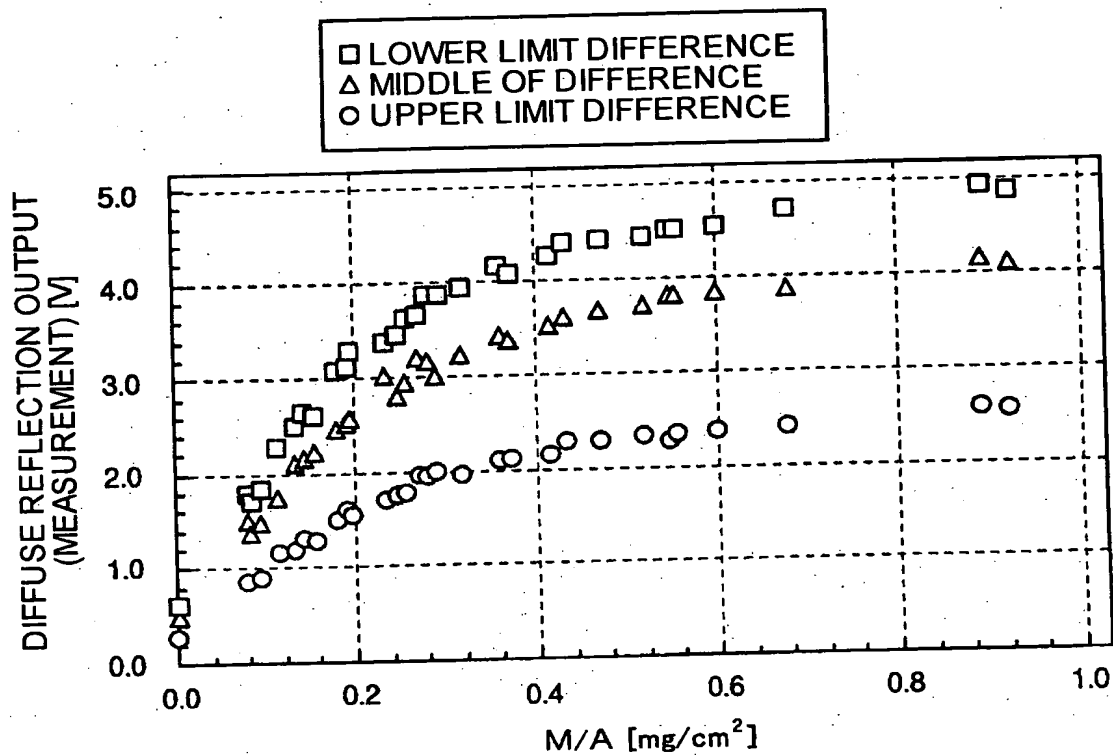


FIG.44

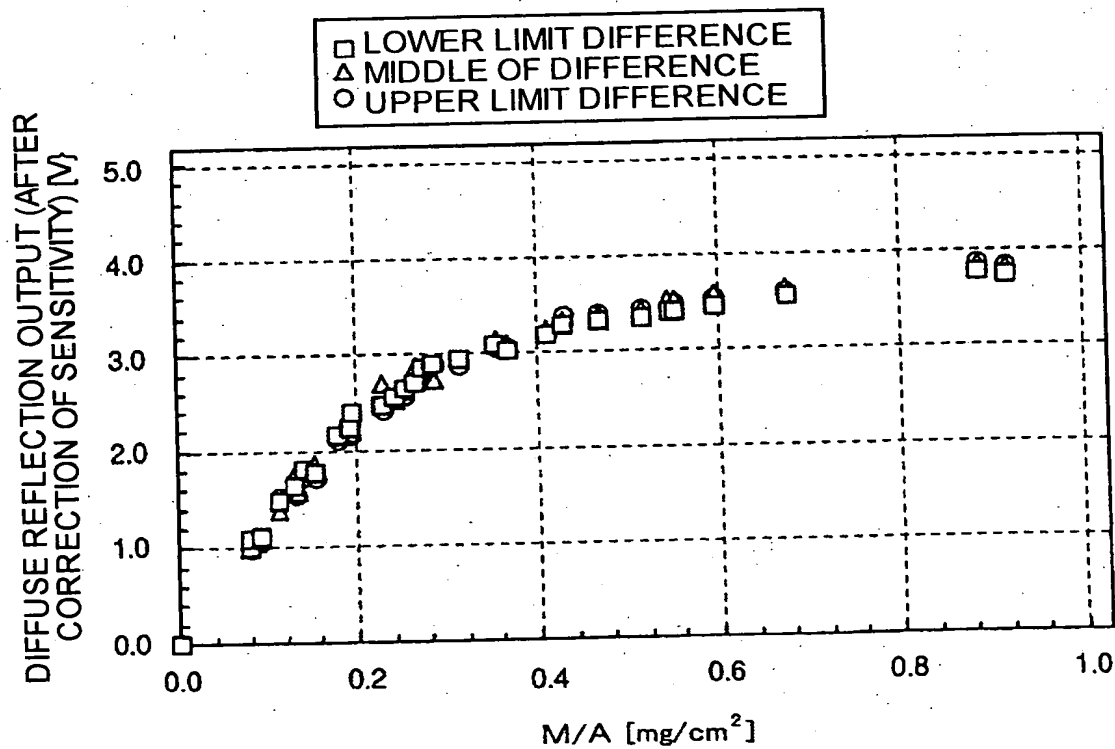




FIG.45

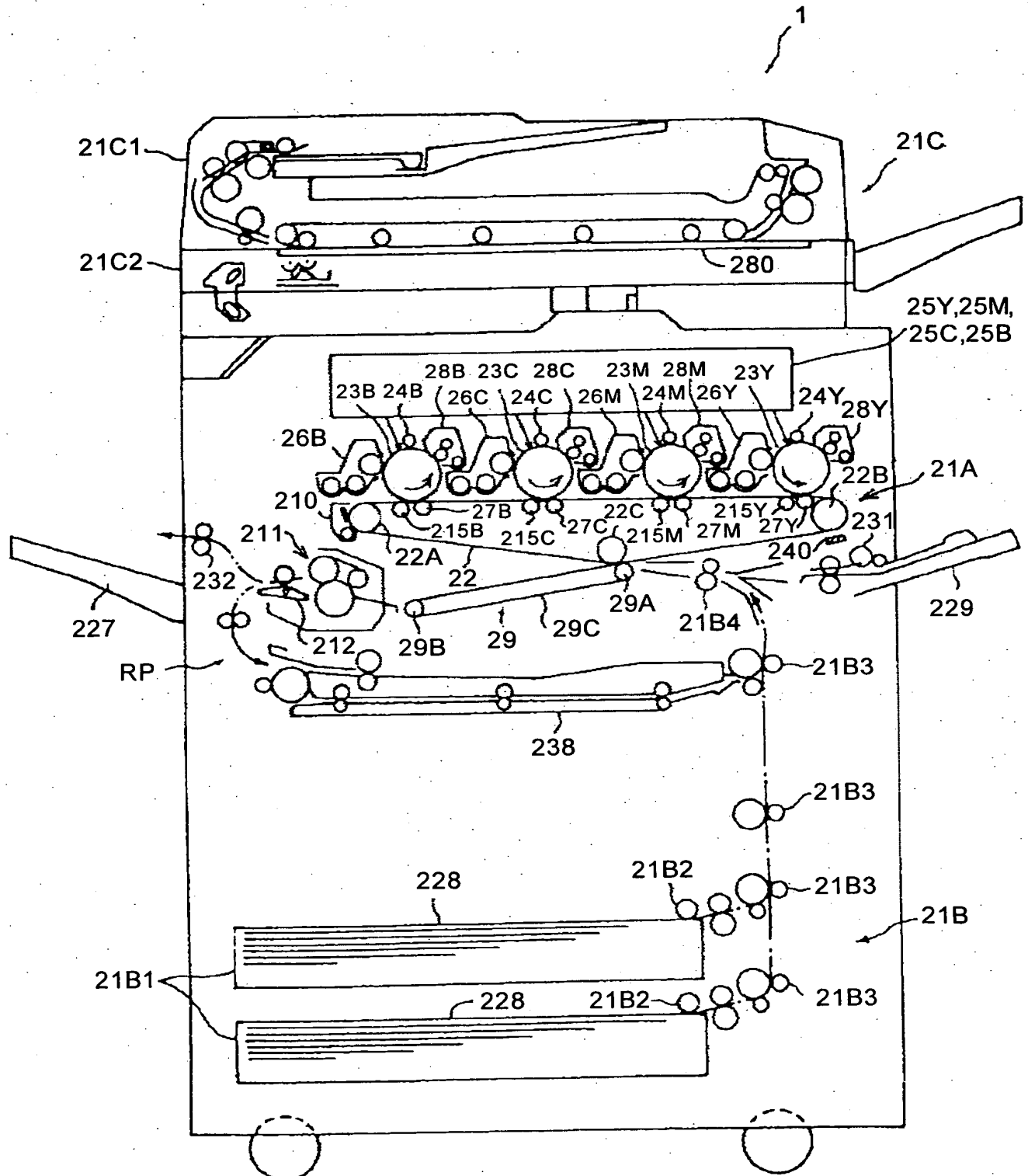


FIG.46

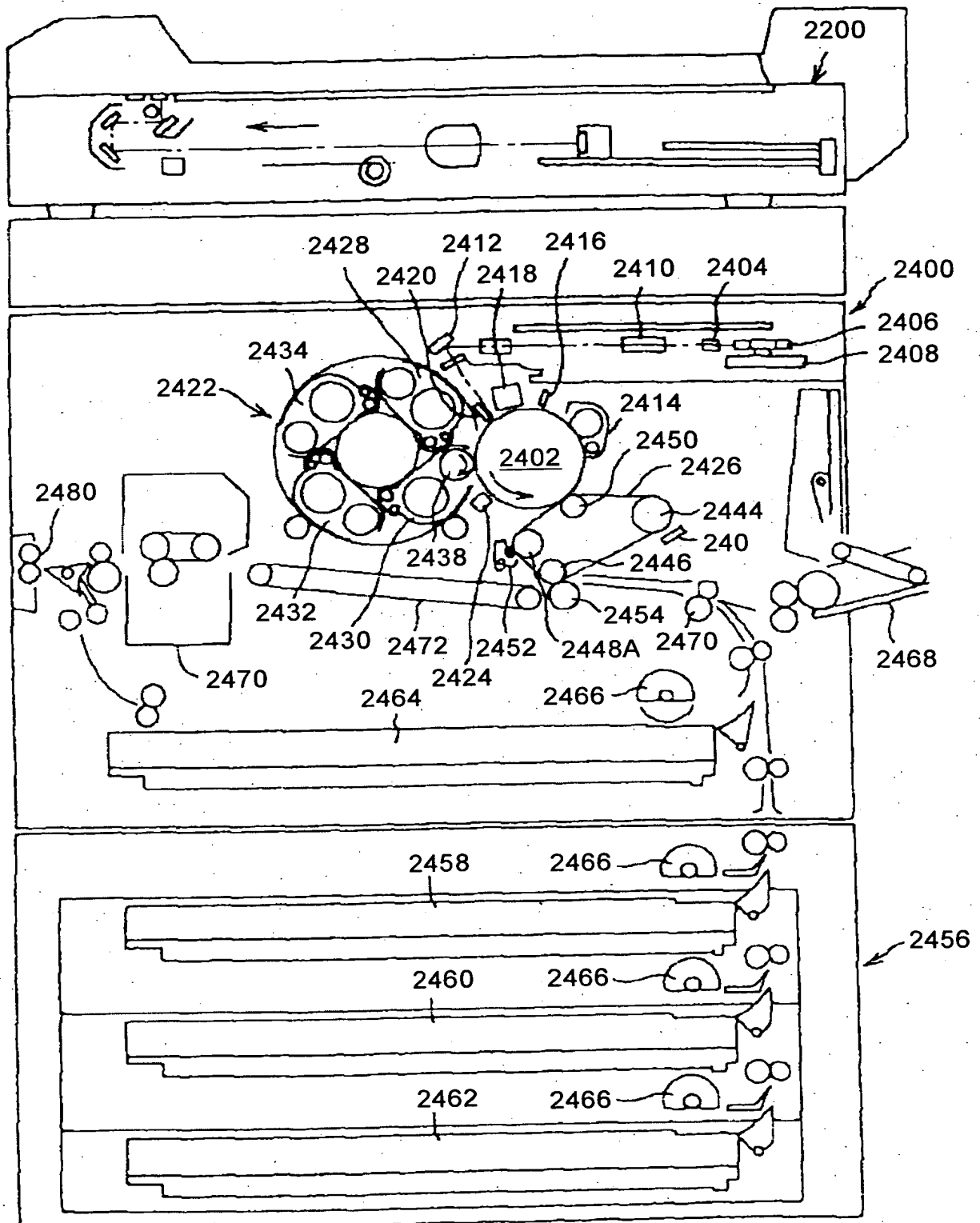


FIG.47

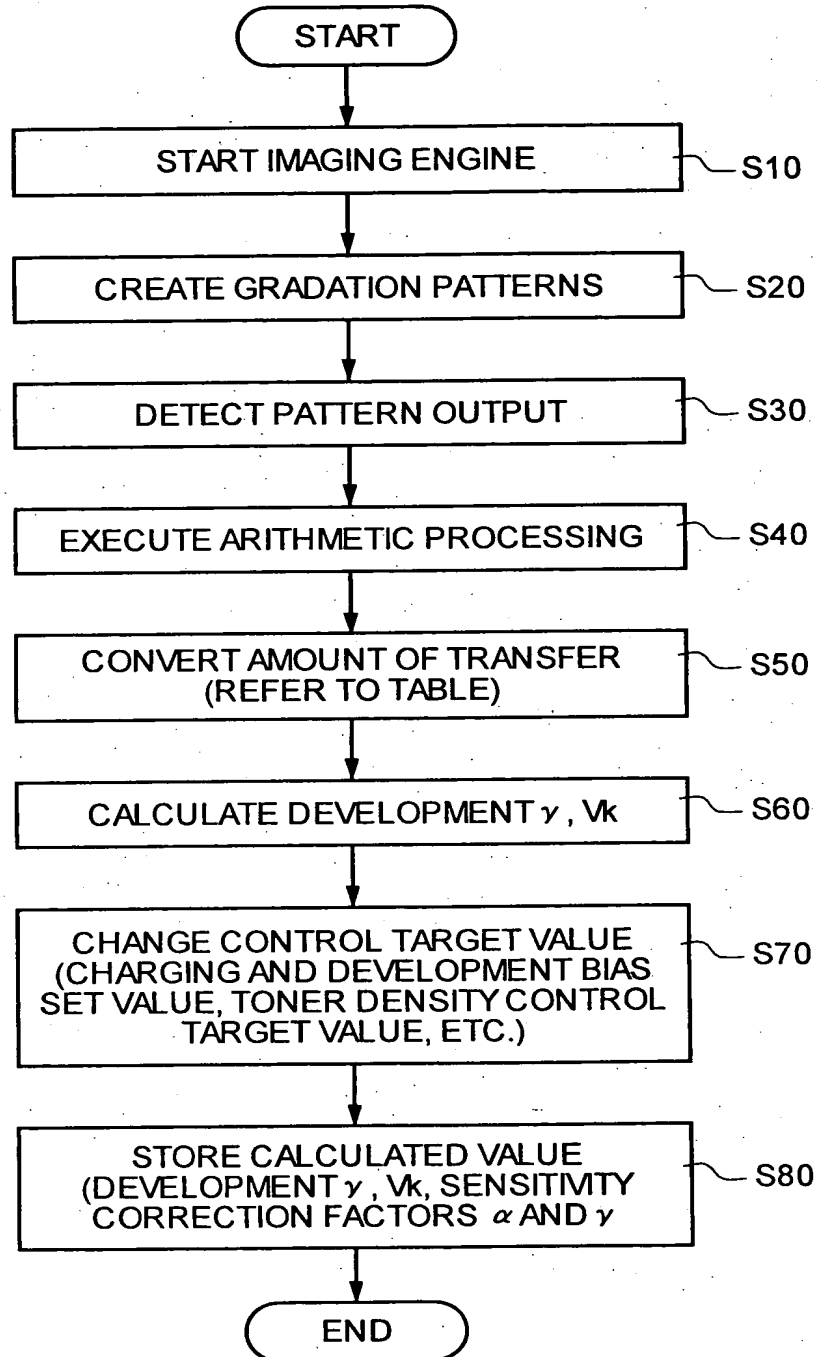


FIG.48

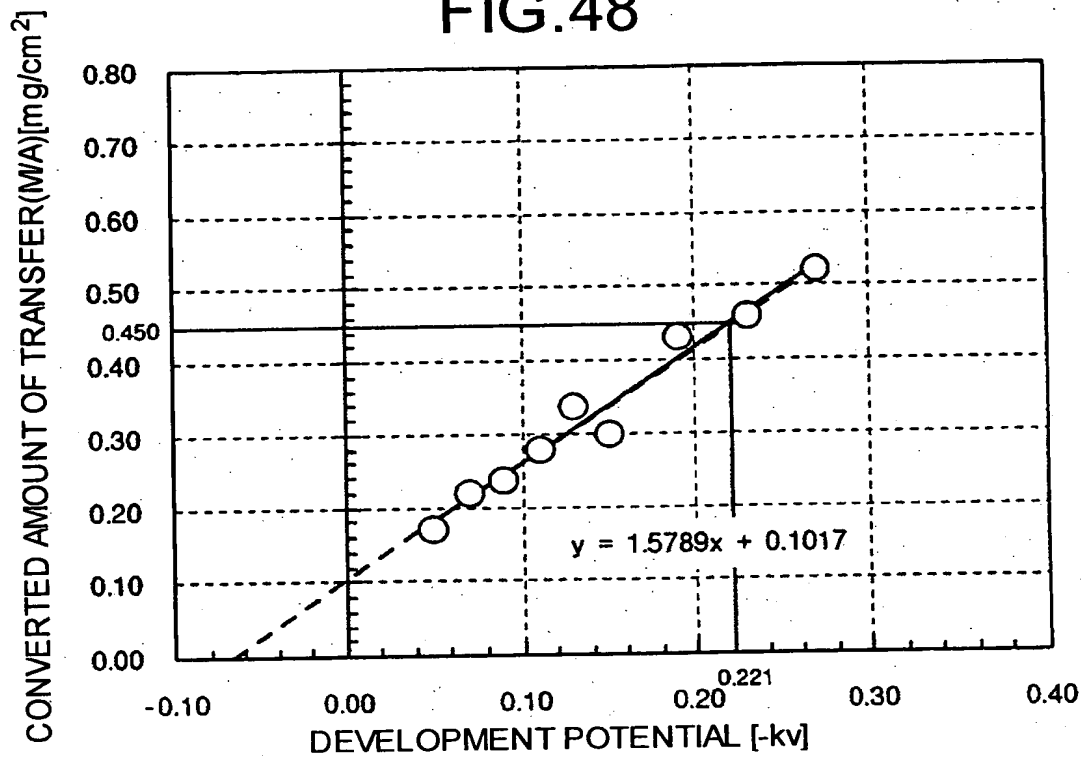


FIG.49

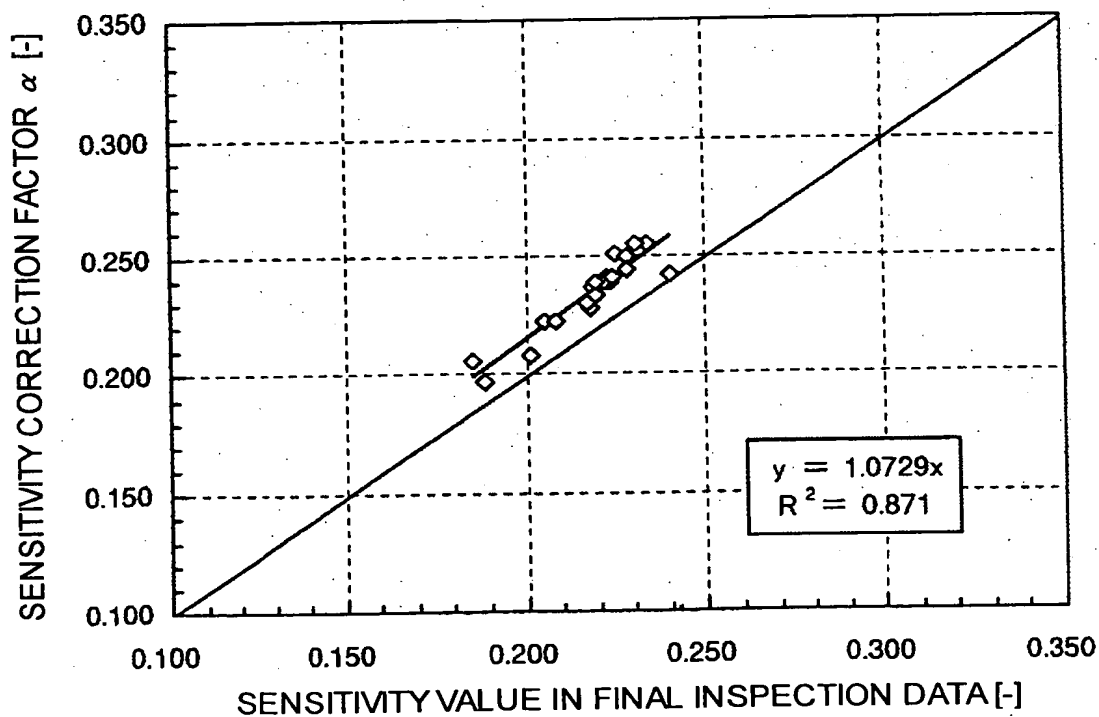


FIG.50

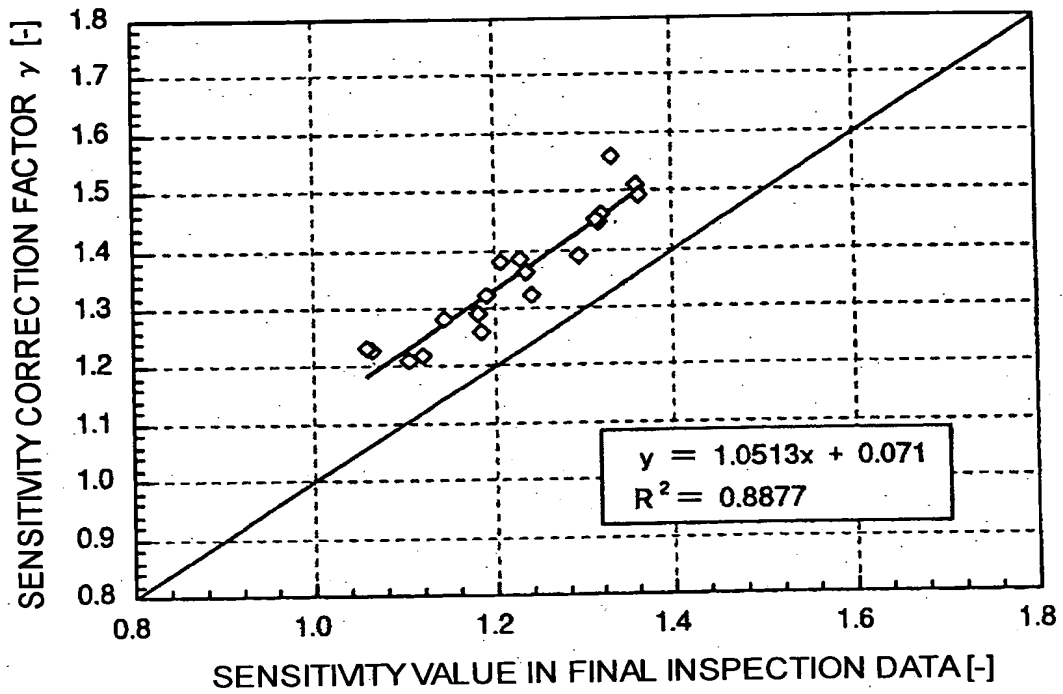


FIG.51

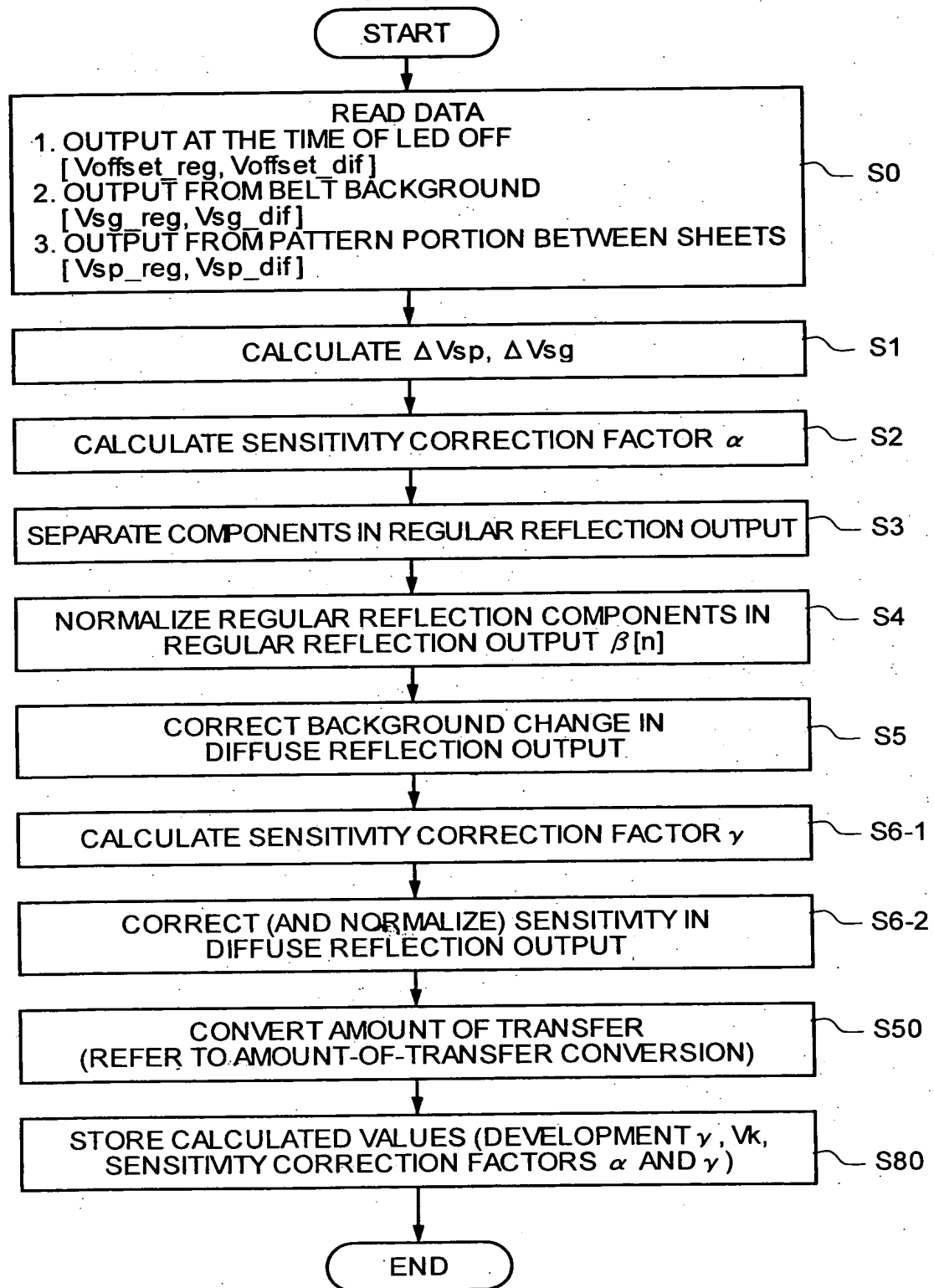


FIG.52

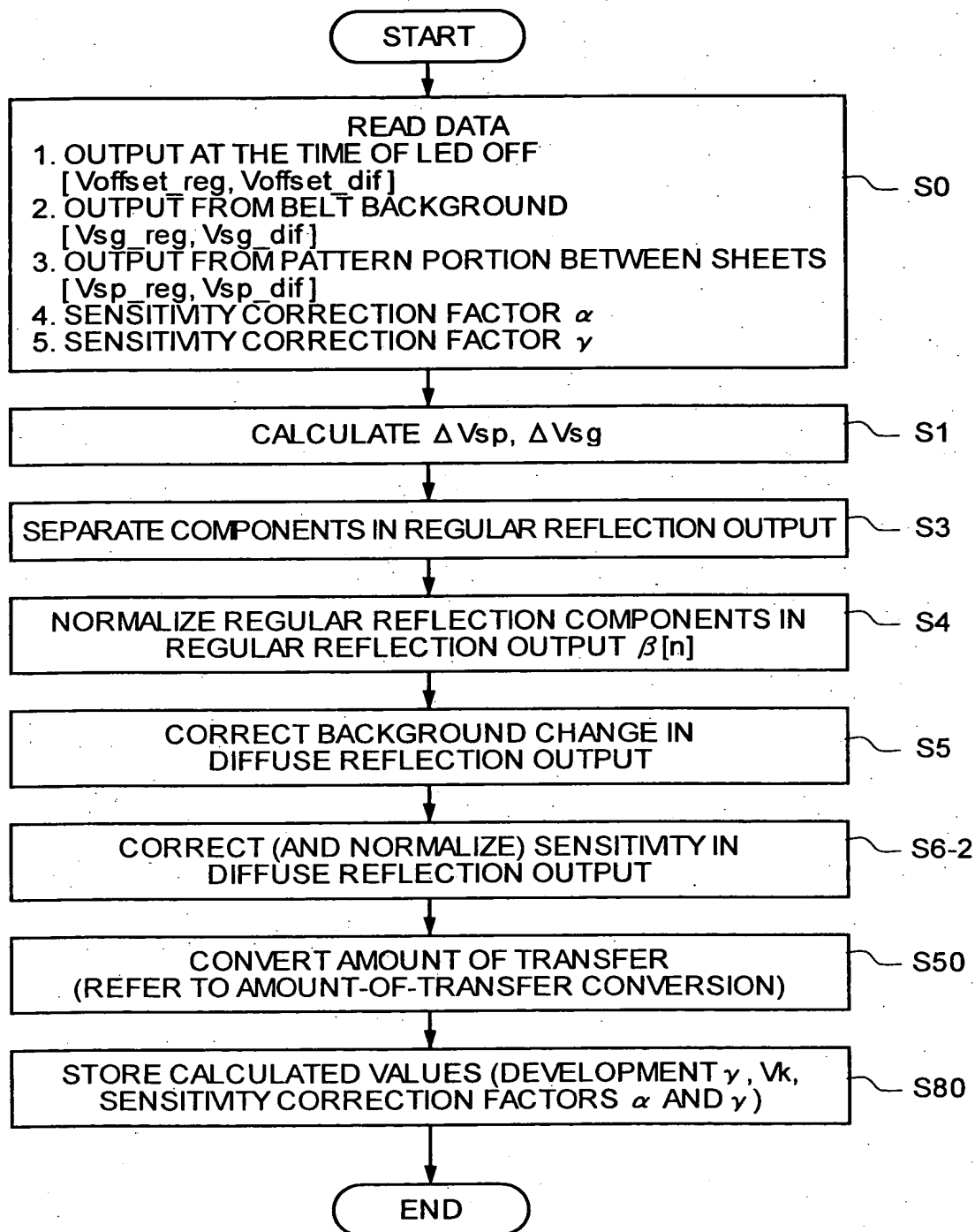


FIG.53

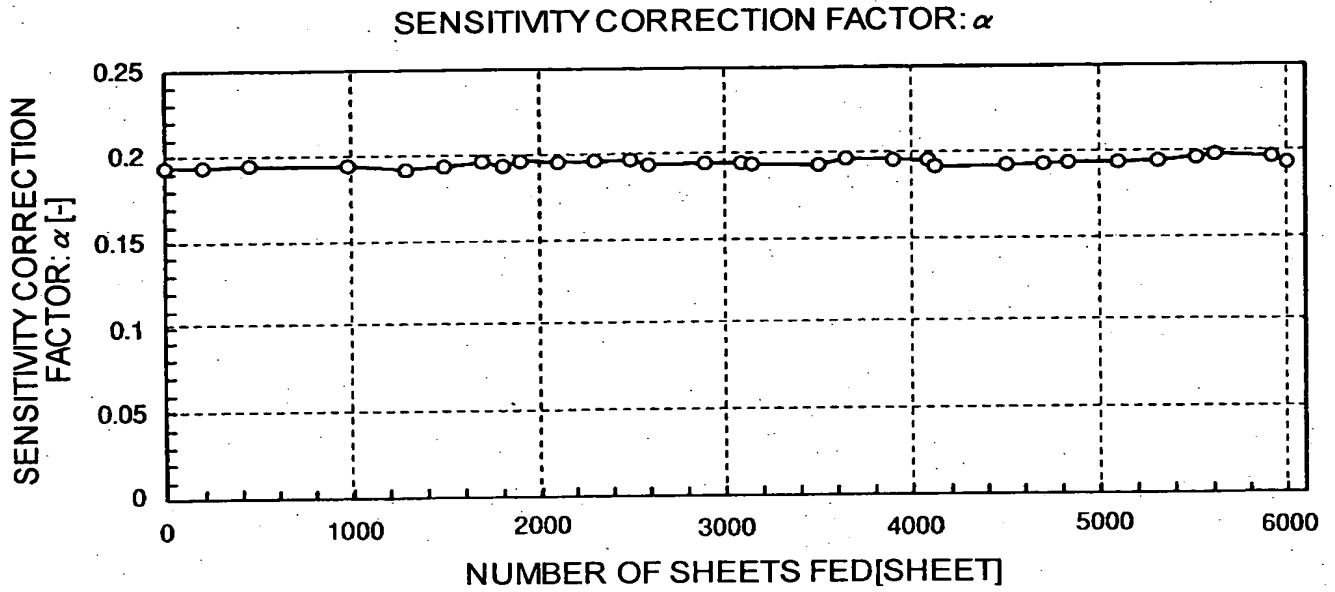


FIG.54

